



HX00034932

# SURGICAL INSTRUMENTS

TWENTIETH EDITION



TRADE MARK

THE KNY-SCHEERER COMPANY  
NEW YORK

Registry No. 437

# THIS CATALOGUE

is presented to

*Private Hosp. Assn*  
*N.Y. City*

with the compliments of

**THE KNY-SCHEERER CORPORATION**

*RD 76*

*K78*

*1915*

**Columbia University**  
**in the City of New York**

**College of Physicians and Surgeons**  
**Library**





### Special Notice

This edition of our catalogue was compiled and the greater part of it printed before the European war broke out, and for this reason the prices quoted therein are based on conditions which prevailed at that time. Since then the cost of production has increased considerably, many of our European sources of supply have been closed, and we cannot look for the return of settled conditions until some time after peace will have been concluded.


While the present situation is too unsettled to enable us to change the individual printed prices, because their permanency cannot be assured, we have, for reasons stated and for self-protection, been compelled to adopt the policy of making a uniform advance to cover the increased cost.

Therefore, notice is hereby given that the prices printed in this book are, with some exceptions, subject to twenty per cent advance.

THE KNY-SCHEERER CORPORATION.  
New York, July, 1915.







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Twentieth Edition

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*Illustrations of*  
**Surgical Instruments**



*of*  
**Superior Quality**

*Manufactured by*  
**The Kny-Scheerer Company**  
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Corner of Ninth Avenue  
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## Introductory

IN compiling this, the *Twentieth Edition* of our *Catalogue of Surgical Instruments*, it has been our aim to include within its pages all standard patterns intended for practitioners or hospital use.

Owing to the great number of new and improved patterns which are continually being devised both here and abroad, the variety of instruments has increased enormously within the last few years, and in this catalogue will be found many new patterns not previously shown.

It is hardly necessary to draw the attention of the medical profession once more to the fact that The Kny-Scheerer Co.'s trade-mark, which is stamped upon all goods of our production, may be accepted as an absolute guarantee of highest quality.

Every article listed is fully guaranteed as to quality of material and workmanship. Only the best obtainable materials and skilled labor are employed in their manufacture, and any article which proves defective in construction or material after use will be replaced without expense to the purchaser.

We are continually improving our methods of manufacture, and neither effort nor expense is spared to attain for our instruments the highest degree of excellence.

Respectfully

THE KNY-SCHEERER COMPANY

## Order of Contents

- SECTION 1. Dissecting, Post Mortem, Physiologic and Microscopic Instruments; Osteologic Preparations and Anatomical Models; Diagnostic and Anthropometric Instruments; Apparatus for Analysis of Urine and Blood; Cupping, Hyperemia and Vaccinating Instruments.
- SECTION 2. General Operating Instruments, Anæsthesia, Amputating, Bone, Cranium, Fracture, Intestine, Rectum and Dressing Instruments. Aspirators and Syringes.
- SECTION 3. Eye, Ear, Nose, Trachea, Tonsil, Throat, Mouth, Bronchus, Esophagus and Stomach Instruments. Dental Instruments.
- SECTION 4. Male Urethral, Prostatectomy and Lithotomy Instruments. Catheters and Bougies. Cystoscopes.
- SECTION 5. Obstetric and Gynecologic Instruments. Uterine-Dressing and Hysterectomy Instruments. Pessaries.

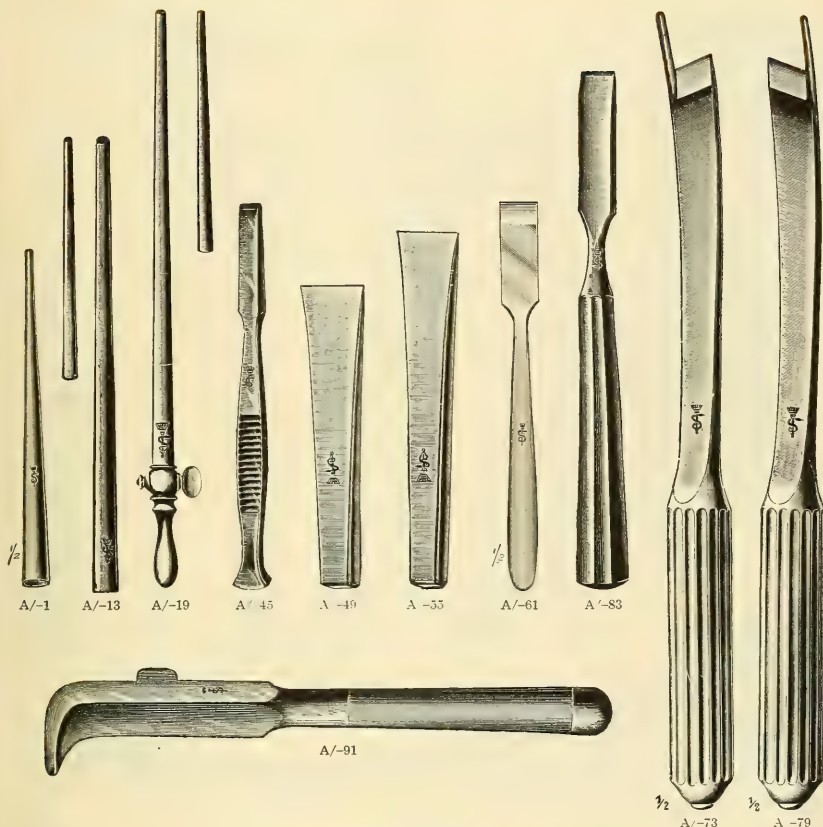


## *Section One*



Dissecting, Post Mortem  
Physiologic and Microscopic Instruments  
Osteologic Preparations and Anatomical Models  
Diagnostic and Anthropometric Instruments  
Apparatus for Analysis of Urine and Blood  
Cupping, Hyperemia and Vaccinating  
Instruments





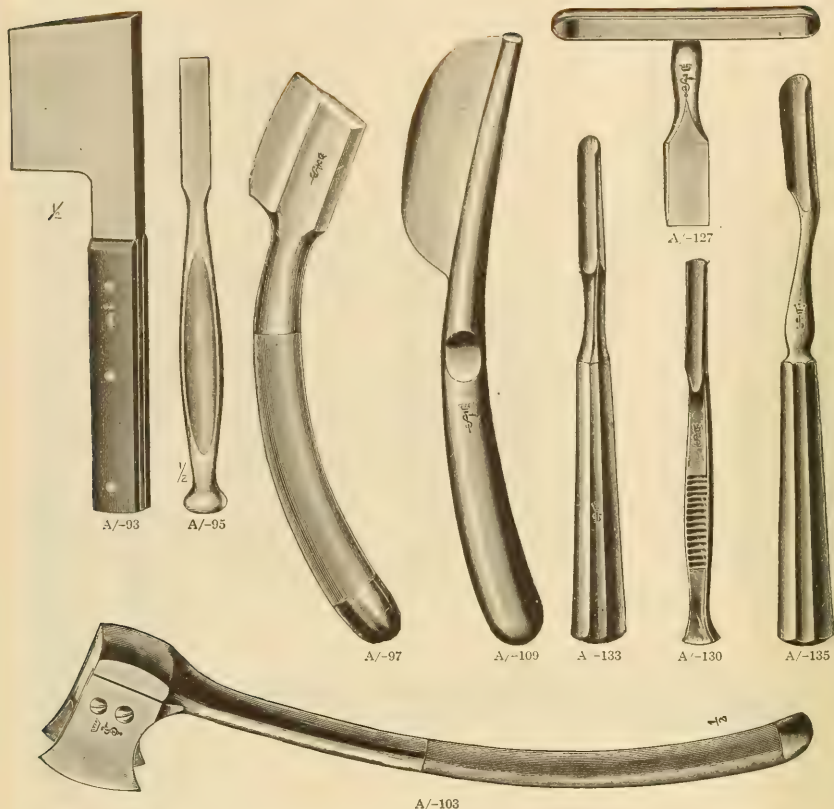
### Blow Pipes

	Each
A/- 1 Blow Pipe, plain.....	\$ .10
A/-13 Blow Pipe, with extra tip.....	.25
A/-19 Blow Pipe, with extra tip and stopcock.....	1.50

### Chisels

A/-45 Plain Chisel, 3 sizes, 8, 10 and 12 mm.....	.60
A/-49 Plain Chisel, heavy, 4½ inches.....	.50
A/-55 Plain Chisel, heavy, 5 inches.....	.60
A/-61 Plain Chisel, 5½ inches, oval handle.....	.80
A/-73 Brunetti's Chisel, for opening the spinal column, right.....	2.50
A/-79 Brunetti's Chisel, for opening the spinal column, left.....	2.50
A/-83 Bruns' Chisel, 3 sizes, 9, 12 and 14 mm.....	1.10
A/-91 Costotome.....	1.75





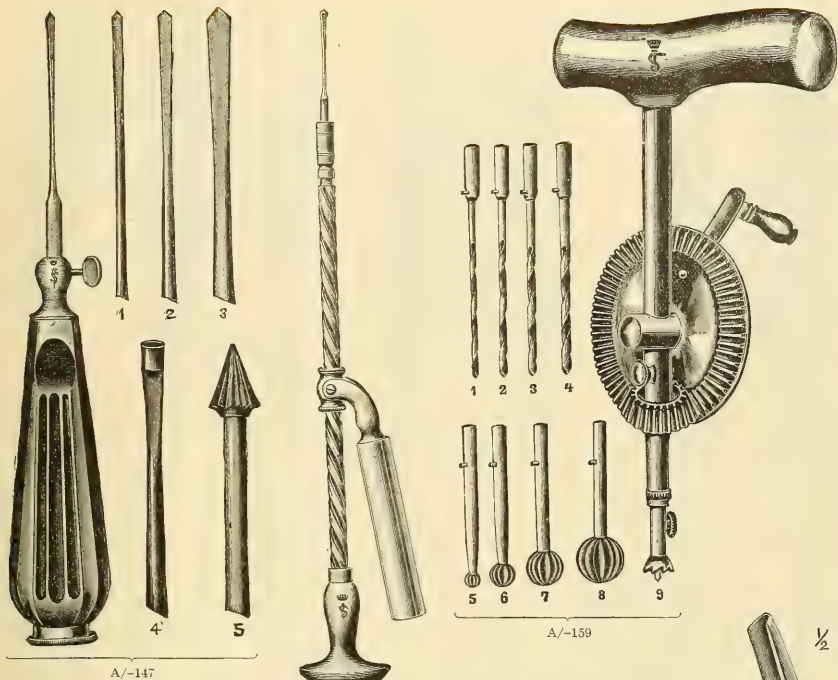
### Chisels

(Continued)

	Each
A/- 93 Councilman's Chisel, hatchet shape, fibre handle .....	\$ 2.75
A/- 95 Gutsch's Chisel, 3 sizes, 7, 10 and 12 mm .....	1.00
A/- 97 Rachiotome .....	1.75
A/-103 Rachiotome, double .....	4.50
A/-109 Rachiotome, knife shape .....	1.75
A/-127 Virchow's Chisel (skull breaker) .....	1.25

### Gouges

A/-130 Plain Gouge, 3 sizes, 8, 10 and 12 mm .....	.75
A/-133 Bruns' Gouge, straight, 3 sizes, 10, 12 and 14 mm .....	1.25
A/-135 Bruns' Gouge, curved, 3 sizes, 10, 12 and 14 mm .....	1.35



A/-147

A/-150

A/-159



A/-155

### Gouges

(Continued)

	Each
A/-139 Gannett's Gouge, heavy, bent.....	\$ 3.50
A/-143 Gutsch's Gouge, 3 sizes, 8, 10 and 12 mm.....	1.25

### Drills

A/-147 Brainard's Bone Drill, with 5 points and hollow handle for holding same.....	3.50
A/-150 Hamilton's Bone Drill, with 6 points.....	3.00
A/-155 Reamer.....	1.60
A/-159 Stille's Bone Drill, with 9 points.....	20.00



A/-143



A/-139



A/-170



A/-174-86



A/-190-200



A/-204-08



A/-212-16



A/-225

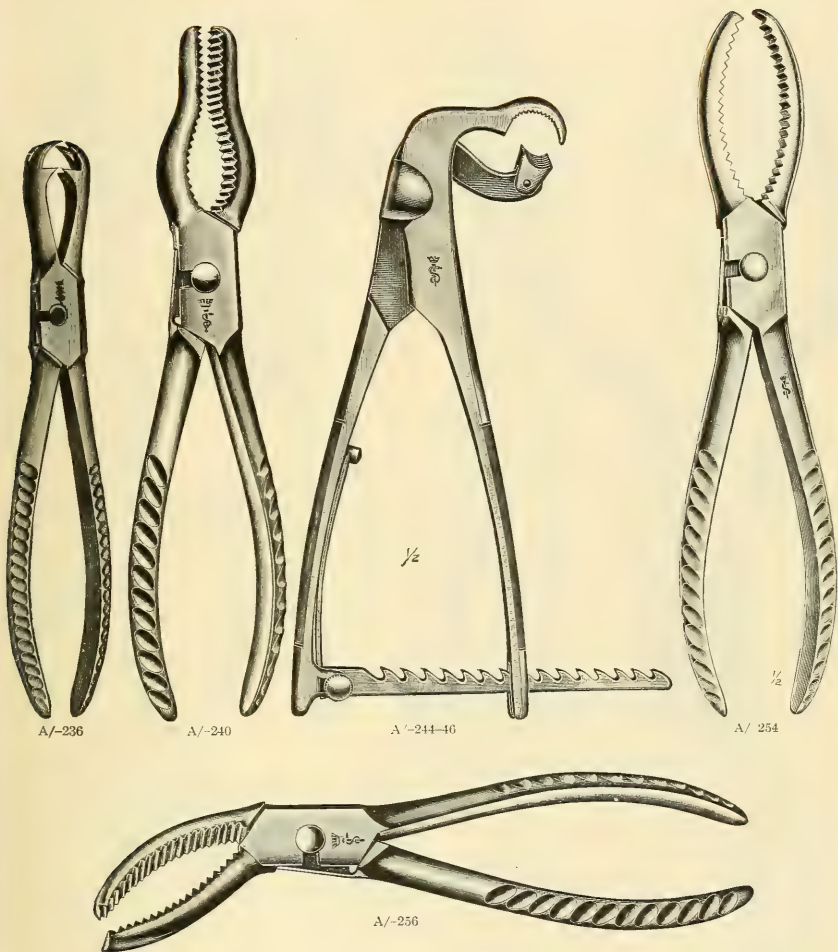


A/-227

## Dissecting Forceps

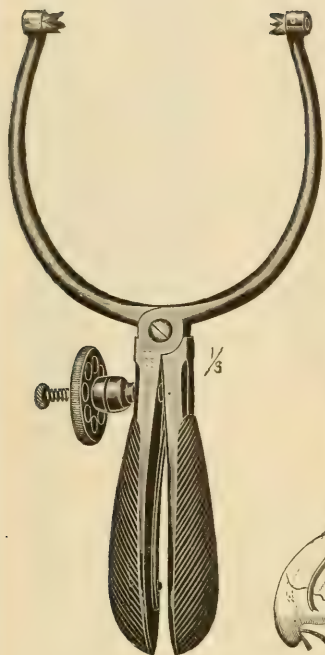
	Each
A/-170 "Asta" Dissecting Forceps, 5 inches.....	\$ .25
A/-174 Coxeter's Dissecting Forceps, 3 inches.....	.30
A/-176 Coxeter's Dissecting Forceps, 3½ inches.....	.30
A/-178 Coxeter's Dissecting Forceps, 4 inches.....	.35
A/-182 Coxeter's Dissecting Forceps, 4½ inches.....	.40
A/-184 Coxeter's Dissecting Forceps, 5 inches.....	.45
A/-186 Coxeter's Dissecting Forceps, 5½ inches.....	.50
A/-190 Plain Dissecting Forceps, 3 inches.....	.30
A/-192 Plain Dissecting Forceps, 3½ inches.....	.30
A/-194 Plain Dissecting Forceps, 4 inches.....	.35
A/-196 Plain Dissecting Forceps, 4½ inches.....	.40
A/-198 Plain Dissecting Forceps, 5 inches.....	.45
A/-200 Plain Dissecting Forceps, 5½ inches.....	.55
A/-204 Tissue Forceps, 1 and 2 teeth, 4½ inches.....	.45
A/-206 Tissue Forceps, 1 and 2 teeth, 5 inches.....	.50
A/-208 Tissue Forceps, 1 and 2 teeth, 5½ inches.....	.55
A/-212 Tissue Forceps, 2 and 3 teeth, 4½ inches.....	.65
A/-214 Tissue Forceps, 2 and 3 teeth, 5 inches.....	.65
A/-216 Tissue Forceps, 2 and 3 teeth, 5½ inches.....	.70
A/-225 Waldeyer's Dissecting Forceps, narrow points, 5 inches.....	.60
A/-227 Waldeyer's Dissecting Forceps, broad points, 5 inches.....	.60



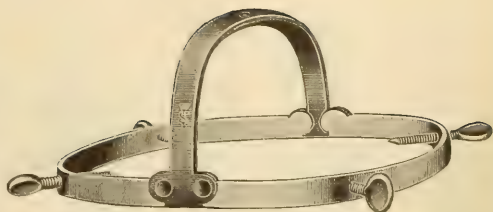


### Bone Holding Forceps

	Each
A/-236 Fergusson's Bone Holding Forceps, lion jaw.....	\$ 2.25
A/-240 Kuester's Bone Holding Forceps.....	4.00
A/-244 Lambotte's Bone Holding Forceps, 8 $\frac{3}{4}$ inches.....	12.00
A/-246 Lambotte's Bone Holding Forceps, 10 $\frac{3}{4}$ inches.....	14.00
A/-254 Rachiotomy Forceps, straight.....	4.00
A/-256 Rachiotomy Forceps, curved sideways.....	4.25



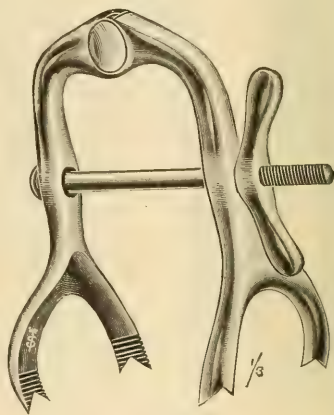
A/-262



A -266



A/-272



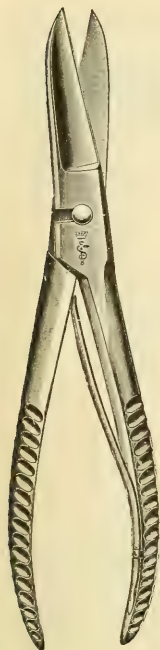
A/-275

### Calvarium Clamps

	Each
A/-262 Bigelow's Calvarium Clamp.....	\$ 12.50
A/-266 Lund's Calvarium Clamp.....	9.25
A/-272 Satterthwaite's Calvarium Clamp.....	5.50
A/-275 Walb's Calvarium Clamp.....	8.50
A/-278 Tripod Head Rest, folding.....	2.50



A/-278



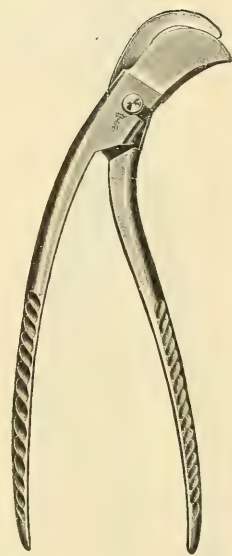
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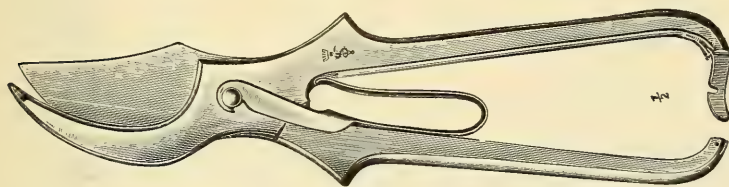
A/-288



A/-292



A/-296



A/-290

### Bone Cutting Shears and Forceps

	Each
A/-285 Plain Bone Shears.....	\$ 2.75
A/-288 Plain Rib Shears.....	3.50
A/-290 Plain Rib Shears, with catch.....	4.25
A/-292 Plain Rib Shears, with eccentric sliding blade.....	4.00
A/-296 Collin's Rib Shears, full curved.....	3.50





A/-300



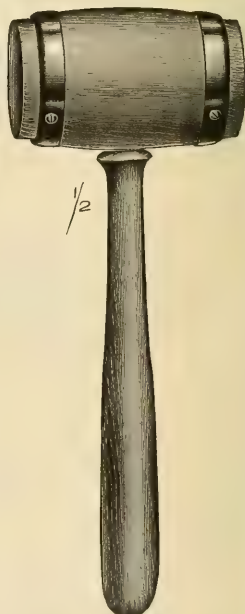
A/-306 OS



A/-315



A/-324-26



A/-330-32

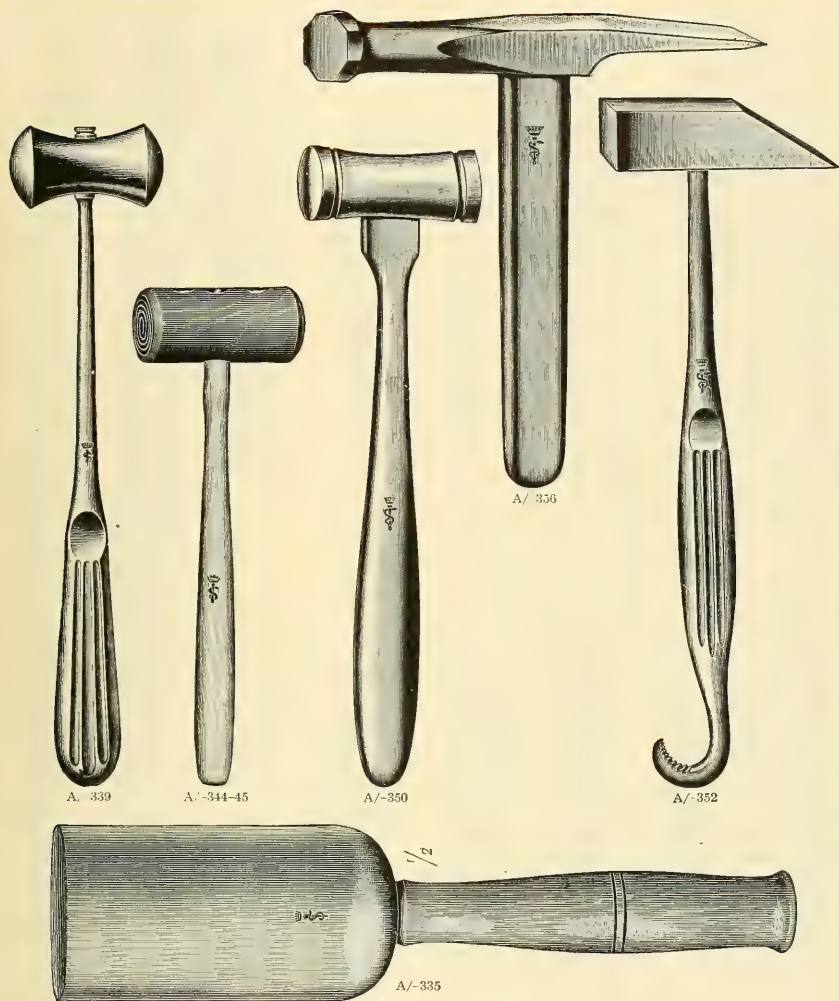
### Bone Cutting Shears and Forceps

(Continued)

	Each
A/-300 Councilman's Bone Cutting Forceps, extra heavy.....	\$ 8.50
A/-306 Gluck's Rib Shears, small.....	3.00
A/-308 Gluck's Rib Shears, large.....	3.50
A/-315 Koenig's Rib Shears.....	3.75

### Hammers and Mallets

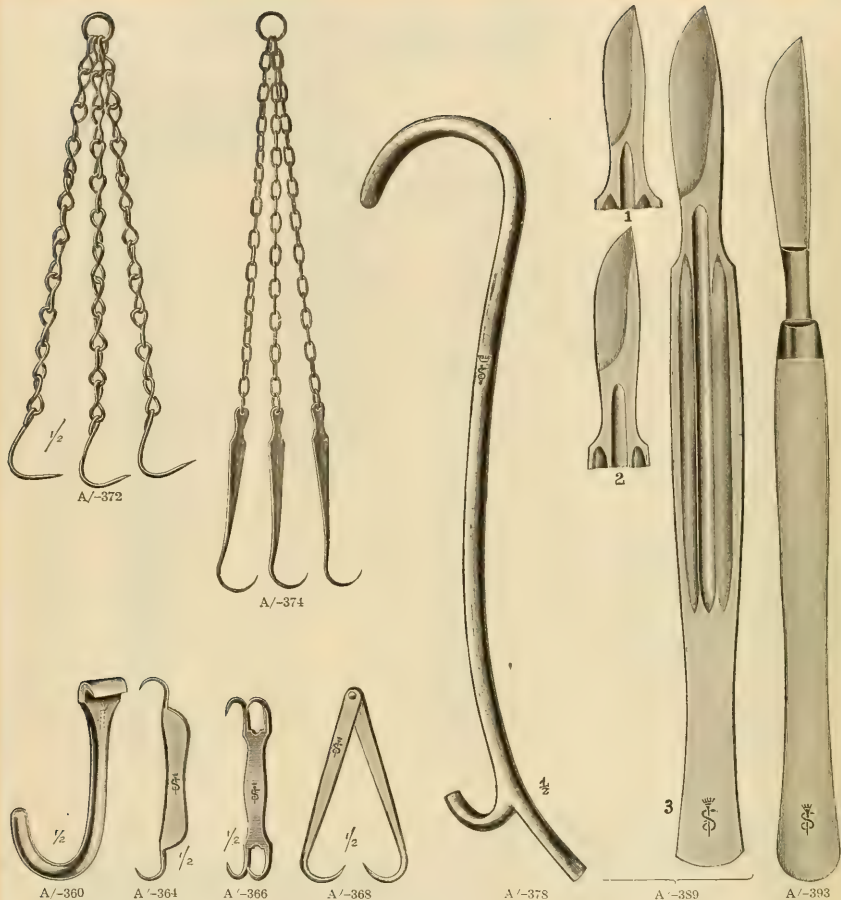
A/-324 Boxwood Mallet, plain.....	1.35
A/-326 Boxwood Mallet, lead filled.....	1.75
A/-330 Boxwood Mallet, metal bound, plain.....	2.00
A/-332 Boxwood Mallet, metal bound, lead filled.....	2.50



## Hammers and Mallets

(Continued)

	Each
A/-335 Boxwood Mallet, extra large pattern.....	\$ .75
A/-339 Lead Mallet, 3 sizes.....	1.50
A/-344 Rawhide Mallet.....	.75
A/-345 Rawhide Mallet, extra large.....	1.25
A/-350 Steel Hammer, ebony handle.....	1.50
A/-352 Steel Hammer, hooked metal handle.....	1.75
A/-356 Virchow's Hammer, combined with chisel.....	2.00



### Hooks

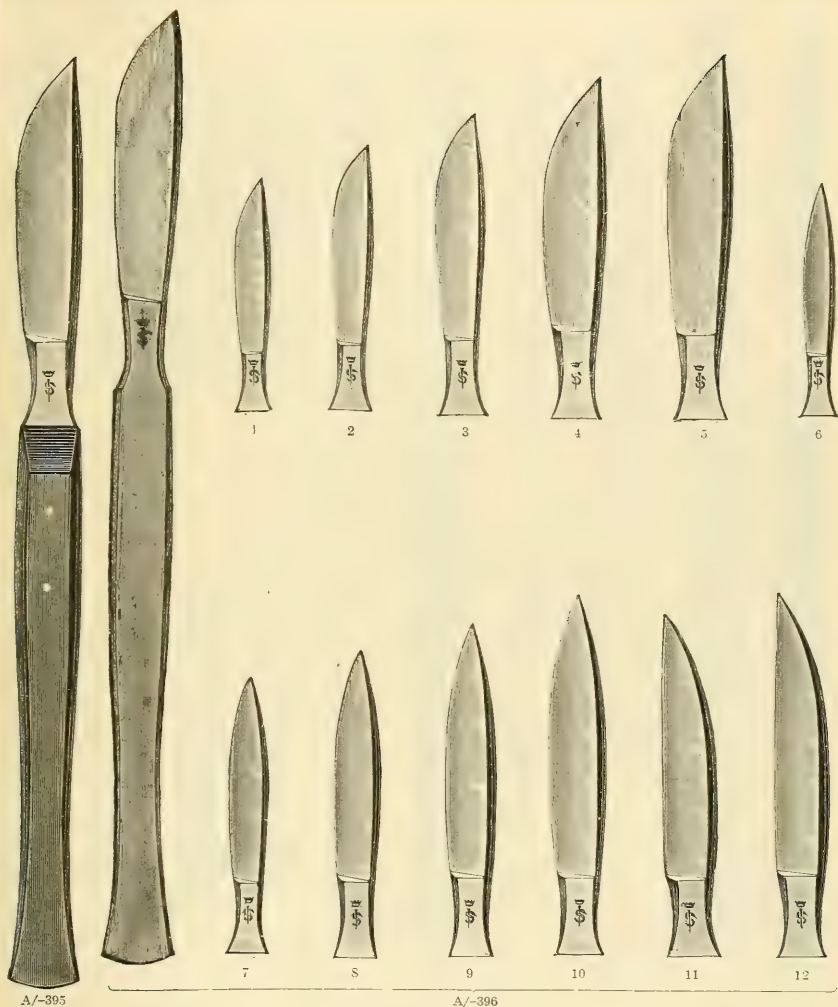
	Each
A/-360 Calvarium Hook.....	\$ 1.00
A/-364 Grappling Hook, single prongs.....	.20
A/-366 Grappling Hook, double prongs.....	.25
A/-368 Grappling Hook, single prongs, folding.....	.60
A/-372 Hooks and Chain, plain.....	.20
A/-374 Hooks and Chain, English pattern.....	.75
A/-378 Spinal Lever Hook.....	1.75

### Dissecting Knives

A/-389 "Asta" Dissecting Scalpel, made of one piece, 3 sizes.....	.25
A/-393 Plain Dissecting Scalpel, aluminum handle, 1 size.....	.60

Illustrations of Knives are actual sizes



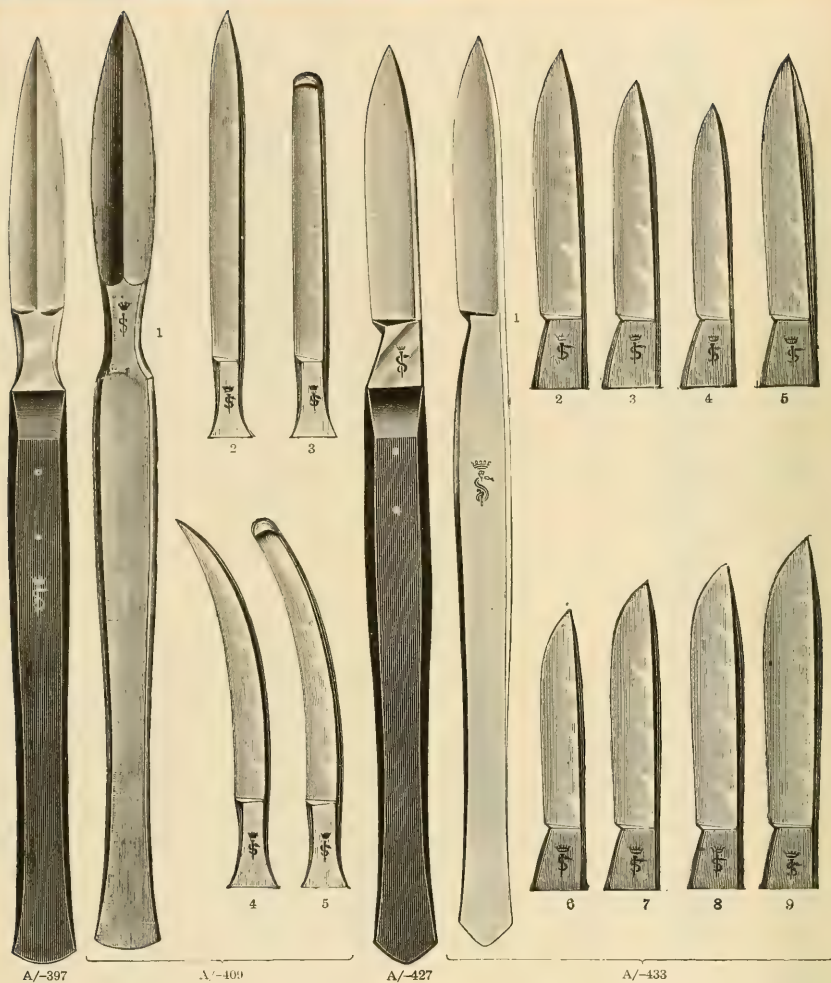


### Dissecting Knives

(Continued)

A/-395	Plain Dissecting Scalpel, ebony handle, 12 sizes, Fig. 1 to 12 (same size of blades as A/-396) . . .	Each \$ .40
A/-396	Plain Dissecting Scalpel, all metal, forged out of one piece, 12 sizes, Fig. 1 to 12 . . . . .	.50

Illustrations of knives are actual sizes



### Dissecting Knives

(Continued)

	Each
A/-397 Plain Dissecting Bistoury, ebony handle, 5 styles, Fig. 1 to 5 (same styles of blades as A/-409) . . . . .	\$ .60
A/-409 Plain Dissecting Bistoury, all metal, forged out of one piece, 5 styles, Fig. 1 to 5 . . . . .	.70
A/-427 English Pattern Dissecting Scalpel, ebony handle, 9 sizes, Fig. 1 to 9 (same sizes of blades as A/-433) . . . . .	.40
A/-433 English Pattern Dissecting Scalpel, all metal, forged out of one piece, 9 sizes, Fig. 1 to 9 . . . . .	.50

Illustrations of knives are actual sizes



A/-511



A/-517



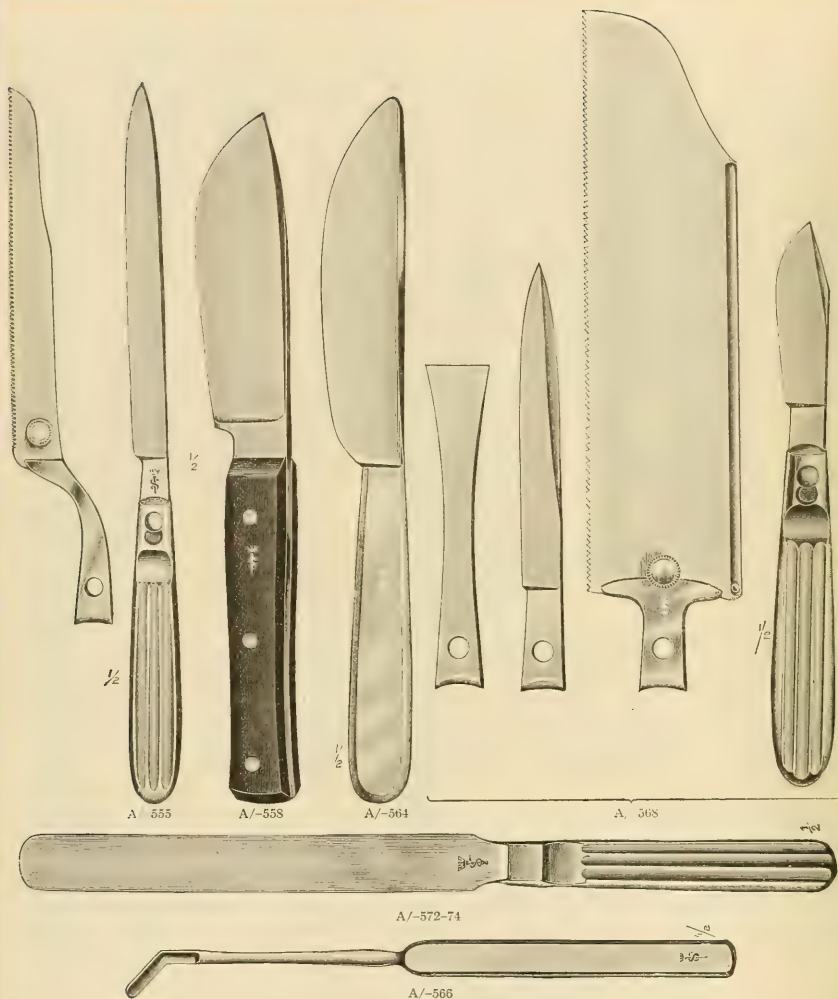
A/-553

### Dissecting Tenacula

	Each
A/-465 "Asta" Dissecting Tenaculum, made of one piece of steel.....	\$ .25
A/-469 Plain Dissecting Tenaculum, ebony handle.....	.40
A/-475 Plain Dissecting Tenaculum, all metal, forged out of one piece of steel.....	.50
A/-487 Plain Dissecting Tenaculum, double pronged, ebony handle.....	.50
A/-493 Plain Dissecting Tenaculum, double pronged, all metal, forged out of one piece of steel.....	.60

### Cartilage and Post Mortem Knives

	Each
A/-511 Plain Cartilage Knife, ebony handle.....	.60
A/-517 Plain Cartilage Knife, all metal, forged out of one piece.....	.70
A/-535 Plain Cartilage Knife, all metal, file cut handle, forged out of one piece.....	.40
A/-536 American Pattern Post Mortem Knife, ebony handle.....	1.50
A/-537 American Pattern Post Mortem Knife, hollow metal handle.....	1.75
A/-539 "Asta" Cartilage Knife, made of one piece of steel.....	.30
A/-541 English Pattern Cartilage Knife, ebony handle.....	.75
A/-547 English Pattern Cartilage Knife, all metal, forged out of one piece.....	.85
A/-553 English Pattern Cartilage Knife, hollow metal handle.....	1.25

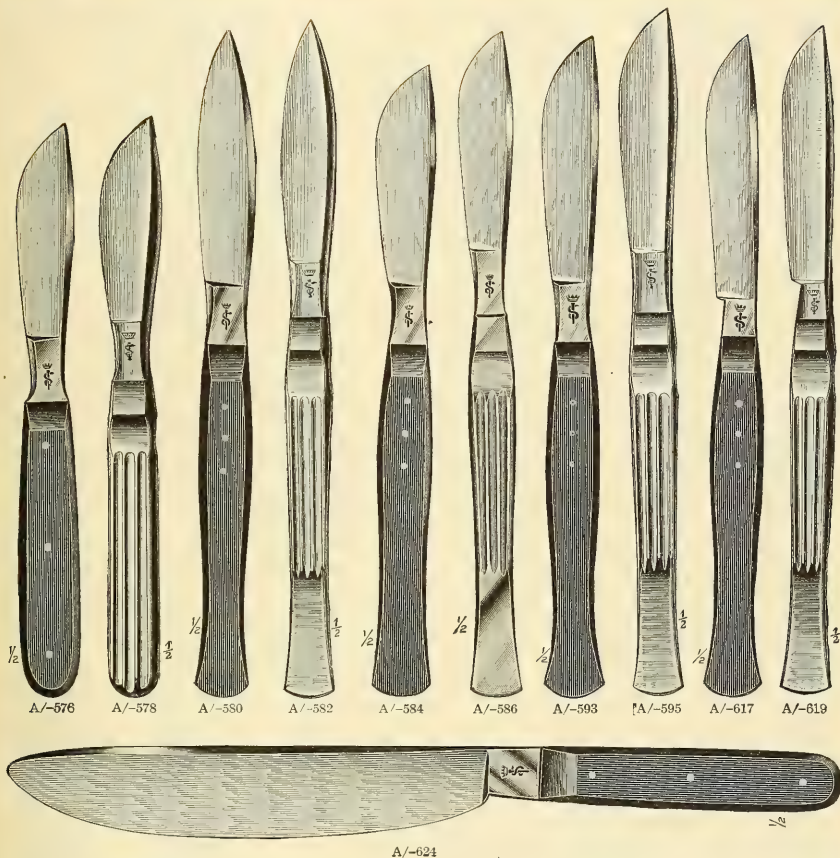


### Cartilage and Post Mortem Knives

(Continued)

	Each
A/-555 Finnell's Post Mortem Knife and Saw, fitting one handle.....	\$4.50
A/-558 Gannett's Post Mortem Knife, ebony handle.....	2.75
A/-564 MacCallum's Post Mortem Knife, hollow metal handle.....	3.50
A/-566 Pick's Myelotome, for dividing spinal cord at right angle in removal of the brain.....	2.00
A/-568 U. S. Army Post Mortem Knife, Scalpel, Chisel and Saw, fitting one handle.....	6.00
A/-572 Virchow's Brain Knife, blade 6 3/8 inches long and 3/4 inch wide, hollow metal handle.....	2.25
A/-574 Virchow's Brain Knife, extra large, blade 9 1/2 inches long and 1 1/2 inches wide, hollow metal handle.....	4.00





## Cartilage and Post Mortem Knives

(Continued)

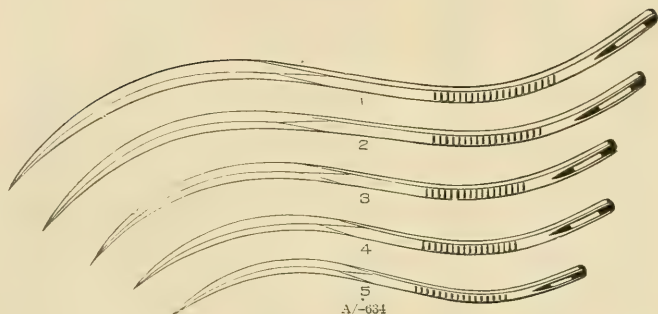
	Each
A/-576 Virchow's Cartilage Knife, ebony handle.....	\$ 1.50
A/-578 Virchow's Cartilage Knife, hollow metal handle.....	1.75
A/-580 Virchow's Post Mortem Knife, linear blade, ebony handle.....	1.50
A/-582 Virchow's Post Mortem Knife, linear blade, hollow metal handle.....	1.75
A/-584 Virchow's Post Mortem Knife, bellied blade, ebony handle.....	1.50
A/-586 Virchow's Post Mortem Knife, bellied blade, hollow metal handle.....	1.75
A/-593 Virchow's Post Mortem Knife, large bellied blade, ebony handle.....	1.50
A/-595 Virchow's Post Mortem Knife, large bellied blade, hollow metal handle.....	1.75
A/-617 Virchow's Post Mortem Knife, English pattern, ebony handle.....	1.75
A/-619 Virchow's Post Mortem Knife, English pattern, hollow metal handle.....	2.00
A/-624 Walb's Post Mortem Knife, extra large, ebony handle.....	3.50



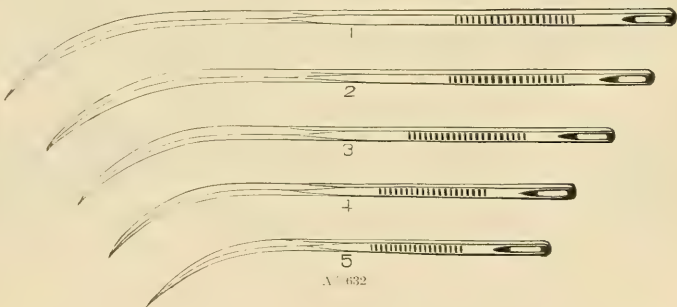
A -630



A -638



A/-634



A/-632

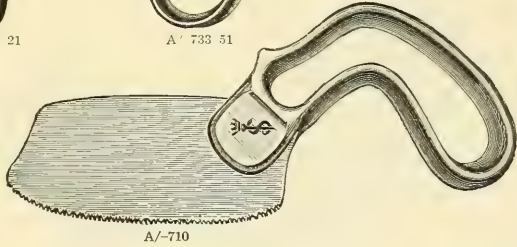
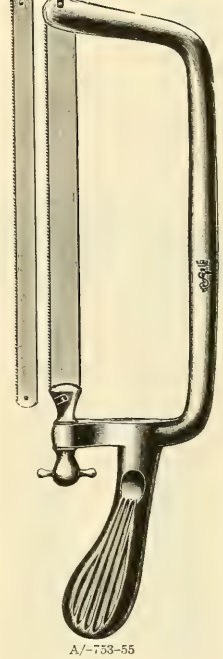
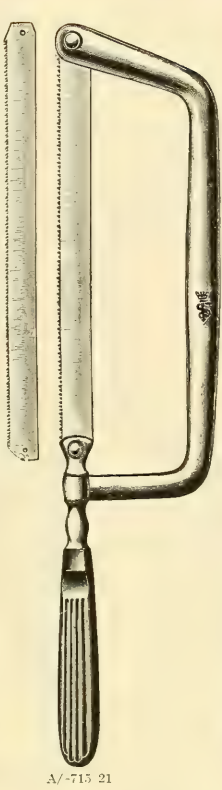
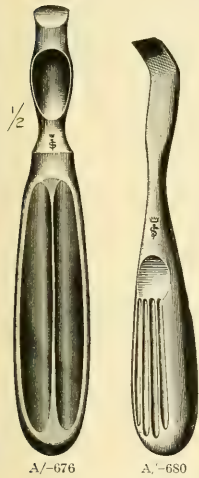
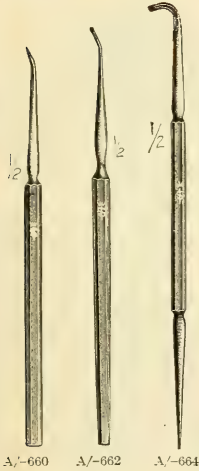


A -640

### Post Mortem Needles

	Dozen
A/-630 Post Mortem Needles, straight, sizes Nos. 1 to 5.....	\$ 1.50
A/-632 Post Mortem Needles, half curved, sizes Nos. 1 to 5.....	1.50
A/-634 Post Mortem Needles, double curved, sizes Nos. 1 to 5.....	1.75
A/-638 Post Mortem Needles, spear pointed, straight, one size.....	Each .25
A/-640 Post Mortem Needles, spear pointed, curved, one size.....	.30

Illustrations of needles are actual sizes



**Probes and Seekers**

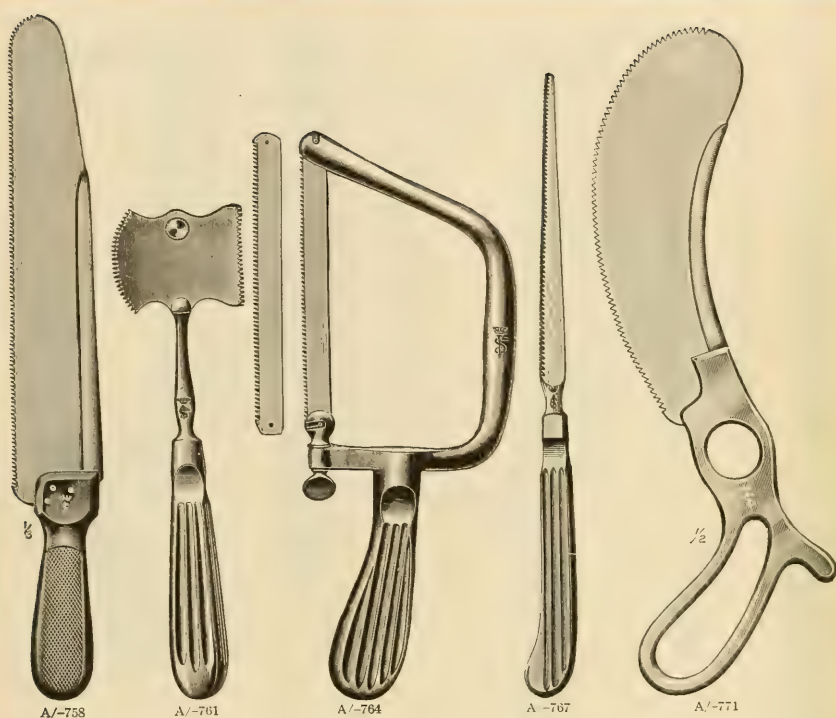
	Each
A/-660 Dissecting Probe, sharp point (University of Chicago pattern).....	\$ .25
A/-662 Dissecting Probe, blunt point (Johns Hopkins Medical School pattern).....	.30
A/-664 Dissecting Probe and Seeker, double ended.....	.40

**Raspatories**

A/-676 Kirrison's Raspatory, heavy.....	2.00
A/-680 Trélat's Raspatory, angular.....	1.50

**Saws**

	Each
A/-710 Bergmann's Rachiotomy Saw.....	1.75
A/-715 Bow Saw, with extra blade, 15 inches.....	5.75
A/-721 Bow Saw, with extra blade, 16 1/2 inches.....	6.25
A/-733 Charrière's Blade Saw, 7 3/4 inches.....	1.50
A/-739 Charrière's Blade Saw, 10 3/4 inches.....	1.75
A/-745 Charrière's Blade Saw, 11 3/4 inches.....	2.00
A/-751 Charrière's Blade Saw, 13 3/4 inches.....	2.25
A/-753 Charrière's Bow Saw, with extra blade, 12 3/4 inches.....	4.50
A/-754 Charrière's Bow Saw, with extra blade, 14 inches.....	5.00
A/-755 Charrière's Bow Saw, with extra blade, 15 3/4 inches.....	5.75



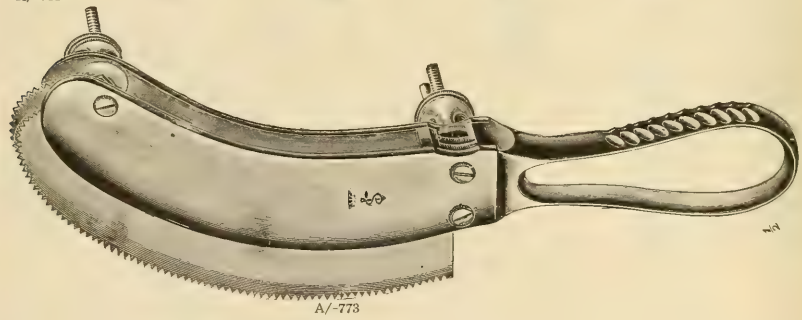
A/-758

A/-761

A/-764

A/-767

A/-771

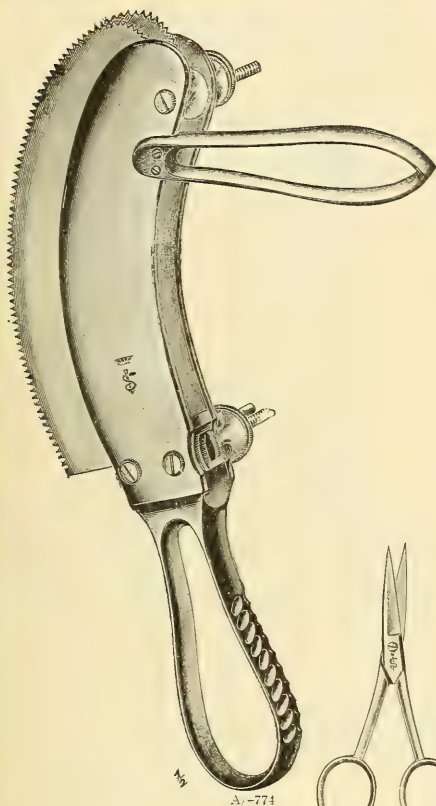


A/-773

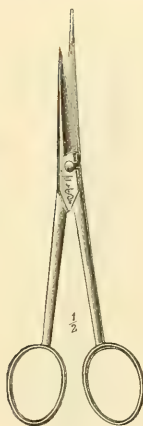
**Saws**  
(Continued)

	Each
A/-758 Councilman's Blade Saw, fibre handle.....	\$ 5.00
A/-761 Hey's Skull Saw.....	1.50
A/-764 Knauer's Bow Saw, with extra blade.....	3.75
A/-767 Langenbeck's Blade Saw, narrow.....	1.25
A/-771 Rachiotomy Saw, single.....	5.50
A/-773 Rachiotomy Saw, double, adjustable.....	8.50

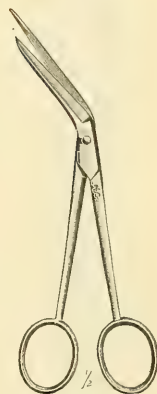




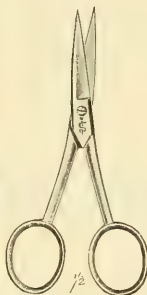
A/-774



A/-781



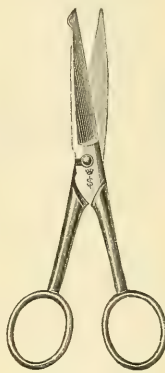
A/-784



A/-785



A/-787-805



A/-817-35

## Saws

(Continued)

	Each
A/-774 Rachiotomy Saw, double, with guide handle, adjustable.....	\$10.50

## Scissors

A/-781 Artery Scissors, straight, 5¾ inches.....	1.00
A/-784 Artery Scissors, angular, 5¼ inches.....	1.10
A/-785 "Asta" Dissecting Scissors, light pattern, 4 inches.....	.35
A/-787 Dissecting Scissors, 4 inches.....	.35
A/-793 Dissecting Scissors, 4½ inches.....	.40
A/-799 Dissecting Scissors, 5 inches.....	.45
A/-805 Dissecting Scissors, 5½ inches.....	.50
A/-817 Dissecting Scissors, with one probe point, 4 inches.....	.45
A/-823 Dissecting Scissors, with one probe point, 4½ inches.....	.50
A/-829 Dissecting Scissors, with one probe point, 5 inches.....	.55
A/-835 Dissecting Scissors, with one probe point, 5½ inches.....	.60



A/-847



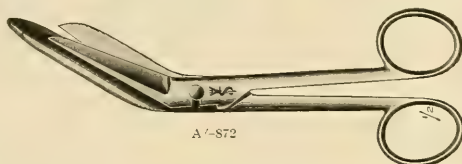
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A/-859



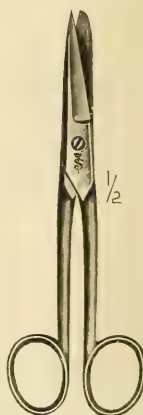
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A/-872



A/-839-42

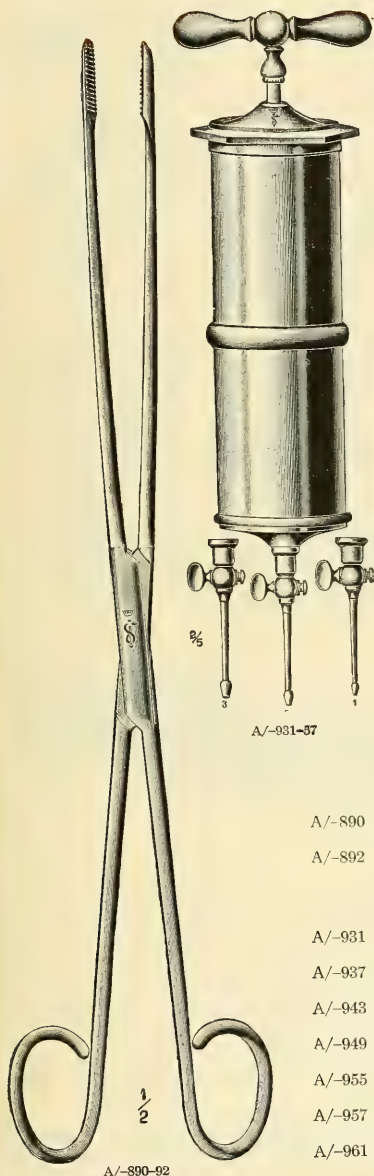


A/-880

## Scissors

(Continued)

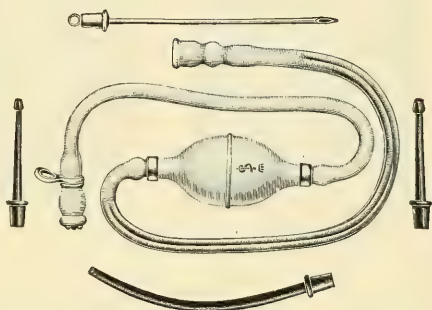
	Each
A/-839 Dissecting Scissors, heavy, with one probe point, 4 inches.....	\$ .75
A/-840 Dissecting Scissors, heavy, with one probe point, 4½ inches.....	.75
A/-841 Dissecting Scissors, heavy, with one probe point, 5 inches.....	.90
A/-842 Dissecting Scissors, heavy, with one probe point, 5½ inches.....	1.00
A/-847 Enterotomy Scissors.....	1.75
A/-853 Enterotomy Scissors.....	1.75
A/-859 Enterotomy Scissors.....	1.75
A/-865 Enterotomy Scissors.....	1.75
A/-872 <b>Jenness'</b> Enterotomy Scissors, with heavy probe point.....	3.75
A/-880 <b>Smith's</b> Dissecting Scissors, round shanks.....	.80



A/-890-92

3/8

A/-931-37



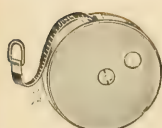
A/-961

### Specimen Forceps

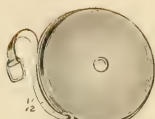
	Each
A/-890 Specimen Forceps, 15 inches, for removing specimens from deep jars.....	\$ 2.00
A/-892 Specimen Forceps, 20 inches, for removing specimens from deep jars.....	3.00

### Syringes

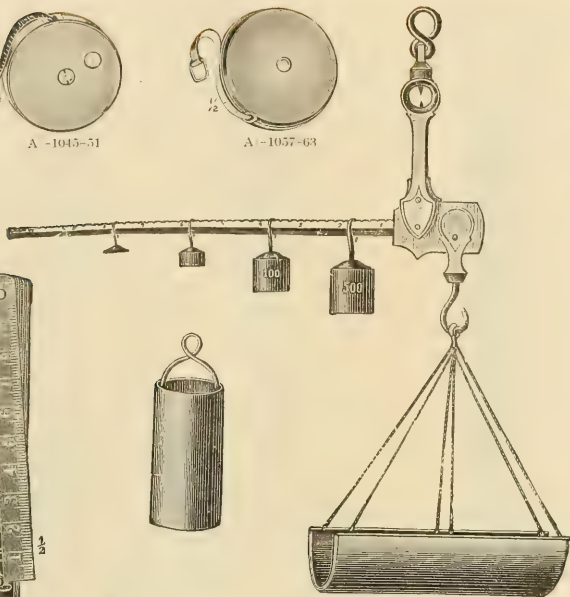
A/-931 Anatomical Injection Syringe, 50 cc., all metal, with 3 canulæ and stopcock.....	5.00
A/-937 Anatomical Injection Syringe, 100 cc., all metal, with 3 canulæ and stopcock.....	6.00
A/-943 Anatomical Injection Syringe, 150 cc., all metal, with 3 canulæ and stopcock.....	7.50
A/-949 Anatomical Injection Syringe, 200 cc., all metal, with 3 canulæ and stopcock.....	8.00
A/-955 Anatomical Injection Syringe, 250 cc., all metal, with 3 canulæ and stopcock.....	9.00
A/-957 Anatomical Injection Syringe, 500 cc., all metal, with 3 canulæ and stopcock.....	15.00
A/-961 Embalming Syringe, soft rubber, continuous flow, with 3 hard rubber and 1 metal canulæ.....	4.50



A-1045-51



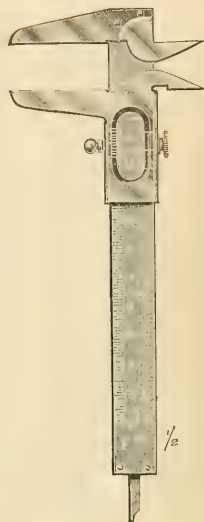
A-1057-63



A-1025-26



A-1033-39



A/ 1032



A/-1077



A/-1080



A/-1084

### Scales, Rules and Tape Measures

	Each
A/-1025 Autopsy Beam Scale, 5 kilos capacity.....	\$15.00
A/-1026 Autopsy Beam Scale, 10 kilos capacity.....	18.00
A/-1032 "Columbus" Universal Caliper, for both inside and outside measuring, graduated in inches and millimeters.....	3.00
A/-1035 Rule, folding, boxwood, 1 meter, graduated in millimeters only.....	.50
A/-1037 Rule, folding, steel, 1 meter, graduated in inches and millimeters.....	.75
A/-1039 Rule, folding, brass, 1 meter, graduated in inches and millimeters.....	.60
A/-1045 Tape Measure, steel, 2 meters, graduated in inches and millimeters.....	1.00
A/-1051 Tape Measure, steel, 1 meter, graduated in inches and millimeters.....	.80
A/-1057 Tape Measure, linen, 2 meters, graduated in inches and millimeters.....	.50
A/-1063 Tape Measure, linen, 1 meter, graduated in inches and millimeters.....	.35

### Magnifiers

A/-1077 Magnifier, hard rubber mounting, single lens, $\frac{3}{4}$ inch, 7x magnification .....	.35
A/-1080 Magnifier, hard rubber mounting, double lens, $\frac{5}{8}$ and $\frac{3}{4}$ inch, 7 to 15x magnification .....	.50
A/-1084 Magnifier, hard rubber mounting, triple lens, $\frac{1}{2}$ , $\frac{3}{8}$ and $\frac{3}{4}$ inch, 7 to 30x magnification .....	.70





A/-1088



A/-1092



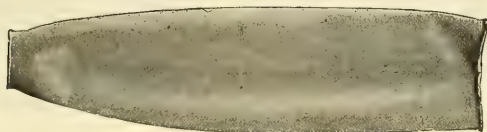
A/-1105



A/-1111



A/-1115-16



A/-1117

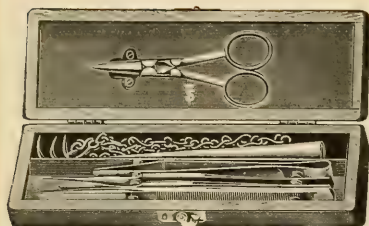
## Magnifiers

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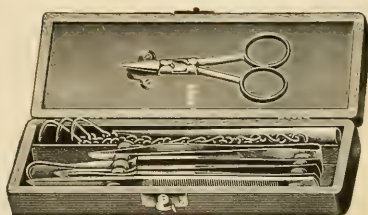
A/-1088	Magnifier, triple aplanat, $\frac{1}{2}$ inch, 20x magnification .....	Each \$ 3.50
A/-1092	Magnifier, tripod, 1 inch, 7.5x magnification .....	.35

## Dissecting Gowns, Gloves, Etc.

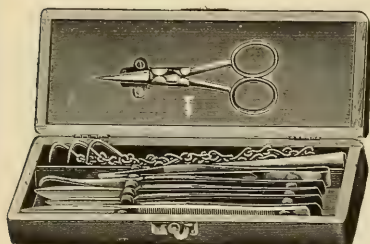
A/-1105	Post Mortem Gloves, heavy weight rubber, chocolate color, sizes No. 6 $\frac{1}{2}$ , 7, 7 $\frac{1}{2}$ , 8, 8 $\frac{1}{2}$ , 9, 9 $\frac{1}{2}$ and 10, per pair .....	.85
A/-1111	Post Mortem Apron, black rubber cloth, 50 inches long .....	1.50
A/-1115	Post Mortem Gown, sleeveless, white, light weight rubber cloth, 56 inches long .....	4.00
A/-1116	Post Mortem Gown, sleeveless, heavy vulcanized rubber cloth, 56 inches long .....	6.00
A/-1117	Post Mortem Sleeves, pure gum, medium weight, per pair .....	1.50



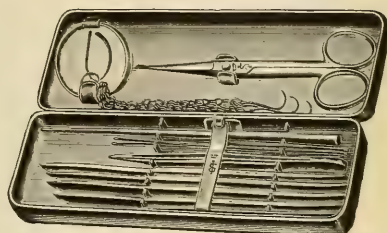
A/-1123



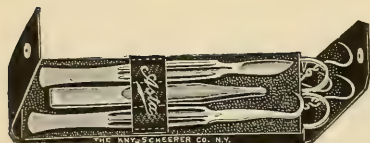
A/-1147



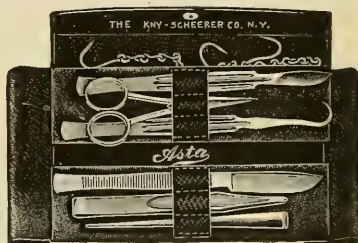
A/-1171



A/-1177



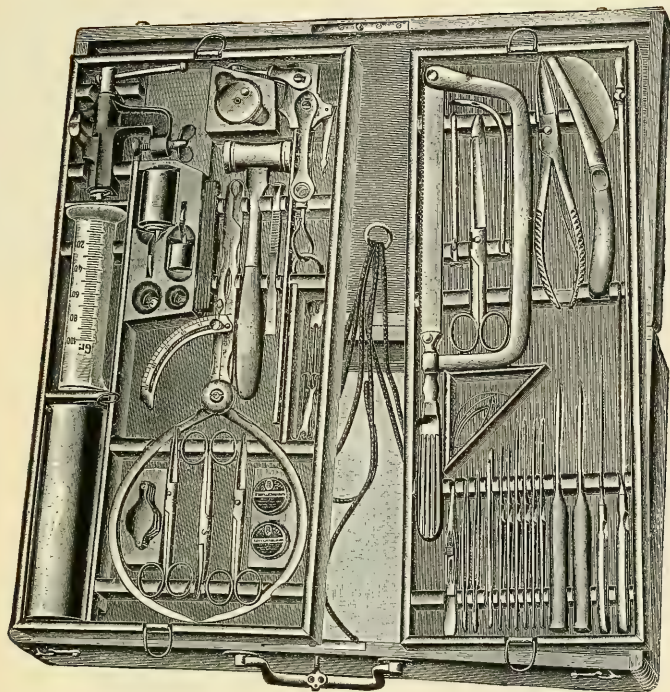
A/-1174



A/-1175

## Dissecting Cases

	Each		Each
A/-1123 Dissecting Set, in wood case.....	\$ 2.25	*A -1173 Dissecting Set, in wood case, same contents as above, but with "Asta" pattern scalpel, cartilage knife, tenaculum and dissecting forceps....	\$ 2.00
<b>Contents:</b> 1 Dissecting Scalpel, ebony handle; 1 Cartilage Knife, metal handle; 1 Tenaculum, ebony handle; 1 Dissecting Forceps; 1 Dissecting Scissors; 1 Triple Chain and Hook; 1 Blow Pipe.		A -1174 "Asta" Dissecting Set, small, in leather pocket case.....	1.35
*A/-1125 Dissecting Set, in wood case, same contents as above, but with "Asta" pattern scalpel, cartilage knife, tenaculum and dissecting forceps....	1.50	<b>Contents:</b> 1 "Asta" Pattern Dissecting Scalpel; 1 "Asta" Pattern Tenaculum; 1 "Asta" Pattern Dissecting Forceps; 1 Dissecting Scissors; 1 Triple Chain and Hook.	
A/-1147 Dissecting Set, in wood case.....	2.75	A/-1175 "Asta" Dissecting Set, large, in two-fold leather pocket case.....	1.60
<b>Contents:</b> 2 Dissecting Scalpels, ebony handles; 1 Cartilage Knife, metal handle; 1 Tenaculum, ebony handle; 1 Dissecting Forceps; 1 Dissecting Scissors; 1 Triple Chain and Hook; 1 Blow Pipe.		<b>Contents:</b> 1 "Asta" Pattern Dissecting Scalpel; 1 "Asta" Pattern Cartilage Knife; 1 "Asta" Pattern Tenaculum; 1 "Asta" Pattern Dissecting Forceps; 1 Dissecting Scissors; 1 Triple Chain and Hook; 1 Blow Pipe.	
*A/-1149 Dissecting Set, in wood case, same contents as above, but with "Asta" pattern scalpel, cartilage knife, tenaculum and dissecting forceps.....	1.75	A/-1177 Kny-Scheerer Co.'s Dissecting Set, in aseptic metal case.....	9.50
A/-1171 Dissecting Set, in wood case.....	3.25	<b>Contents:</b> 4 Dissecting Scalpels, metal handles; 1 Cartilage Knife, metal handle; 1 Dissecting Forceps; 1 Dissecting Scissors, one probe point; 2 Probes; 1 Triple Chain and Hook; 1 Blow Pipe; 3 Suture Needles.	
<b>Contents:</b> 3 Dissecting Scalpels, ebony handles; 1 Cartilage Knife, metal handle; 1 Tenaculum, ebony handle; 1 Dissecting Forceps; 1 Dissecting Scissors; 1 Triple Chain and Hook; 1 Blow Pipe.			



A/-1184

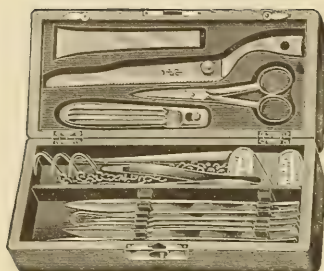
### Post Mortem Cases

A/-1184 Autopsy Set, in fine oak case, wood blocked, with carrying handle..... \$ 70.00

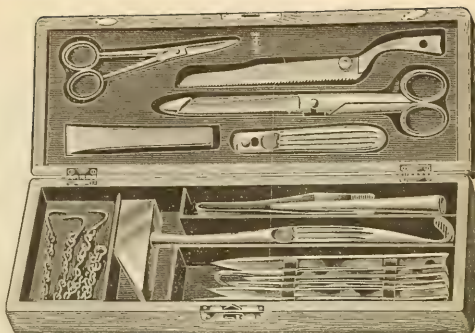
#### Contents:

6 Operating Scalpels	1 Bone Shears	1 Vise, small
2 Cartilage Knives	1 Rachiotome	1 Cephalometer
1 Brain Knife	2 Grappling Hooks, double prongs	1 Rule, whalebone
1 Razor	1 Dissecting Scissors, one probe point	1 Tape Measure, steel
1 Enterotomy Scissors	1 Straight Scissors	1 Graduate, glass, 100 cc.
1 Combined Male and Female Catheter	1 Curved Scissors	1 Autopsy Scale
1 Dissecting Forceps	1 Probe, whalebone	1 Magnifier
1 Tissue Forceps	1 Probe, steel	2 Boxes Litmus Paper
1 Fricke's Artery Forceps	1 Director and Tongue Tie	1 Blow Pipe with stopcock
1 Bow Saw	1 Bone Chisel	Needles and Silk
1 Langenbeck's Metacarpal Saw	1 Steel Hammer	

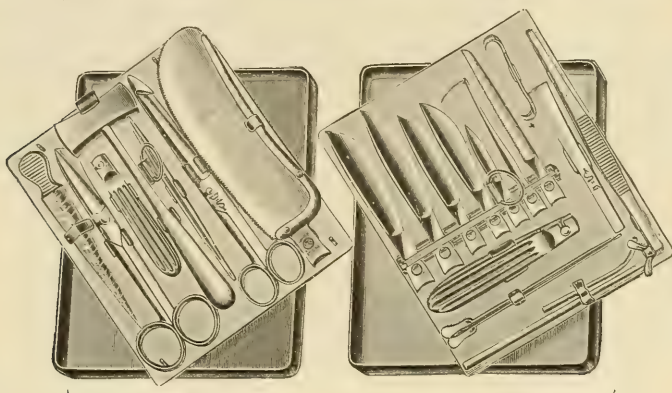




A/-1189



A/-1195



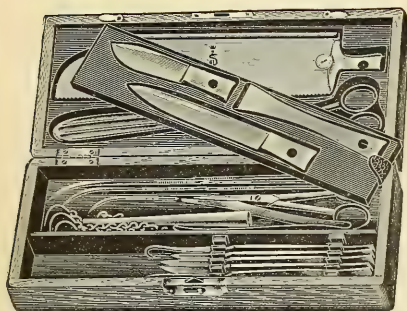
A/-1202

## Post Mortem Cases

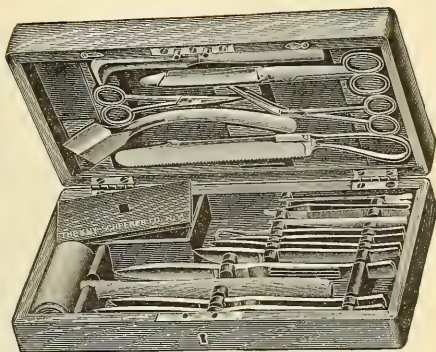
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		Each
A/-1189	<b>Finnell's Post Mortem Set, small, in oak case, leather lined.</b>	<b>\$ 12.00</b>
	<b>Contents:</b>	
	1 Finnell's Knife and Saw	1 Dissecting Forceps
	3 Dissecting Scalpels, metal handles	1 Post Mortem Chisel
	1 Cartilage Knife, metal handle	1 Triple Chain and Hook
	1 Tenaculum, metal handle	1 Blow Pipe
	1 Dissecting Scissors	Needles and Silk
A/-1195	<b>Finnell's Post Mortem Set, large, in oak case, leather lined.</b>	<b>15.00</b>
	<b>Contents:</b>	
	1 Finnell's Knife and Saw	1 Post Mortem Chisel
	3 Dissecting Scalpels, metal handles	1 Steel Hammer
	1 Cartilage Knife, metal handle	1 Enterotomy Scissors
	1 Tenaculum, metal handle	1 Triple Chain and Hook
	1 Dissecting Scissors	1 Blow Pipe
	1 Dissecting Forceps	Needles and Silk
A/-1202	<b>Leufen's Post Mortem Set, in aseptic metal case.</b>	<b>40.00</b>
	<b>Contents:</b>	
	5 Dissecting Scalpels, 1 Post Mortem Saw, 1	1 Post Mortem Chisel
	Metacarpal Saw and 1 Tenaculum fitting 2	1 Calibrator
	Universal Handles	1 Liston's Artery Forceps
	1 Steel Hammer	1 Tissue Forceps
	1 Blow Pipe, double	1 Heavy Post Mortem Scissors
	1 Grasping Hook, double	1 Director and Tongue Tie
	1 Enterotomy Scissors	1 Probe

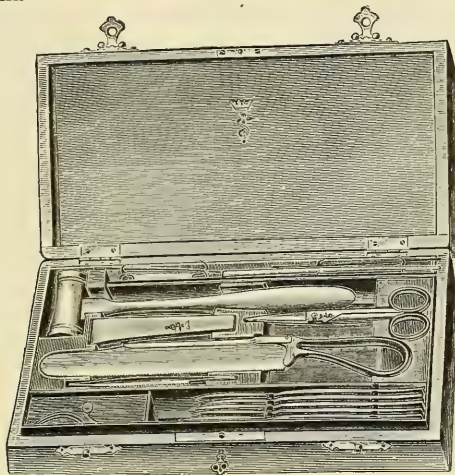




A/-1213



A/-1219



A/-1232

### Post Mortem Cases

(Continued)

A/-1213 U. S. Army Post Mortem Set, in oak case, leather lined..... Each \$ 17.50

#### Contents:

1 U. S. A. Knife, Scalpel, Chisel and Saw fitting one handle  
4 Dissecting Scalpels, metal handles  
1 Tenaculum, metal handle  
2 Dissecting Scissors

1 Dissecting Forceps  
1 Triple Chain and Hook  
1 Blow Pipe  
Needles and Silk

A/-1219 U. S. Marine Hospital Post Mortem Set, in oak case, wood blocked..... 25.00

#### Contents:

2 Dissecting Scalpels, metal handles  
1 Tenaculum, metal handle  
1 Cartilage Knife, metal handle  
3 Virchow's Cartilage Knives  
1 Rachtotome

1 Costotome  
1 Charrière's Blade Saw  
1 Enterotomy Scissors  
1 Dissecting Scissors  
1 Artery Scissors

1 Dissecting Forceps  
1 Rawhide Mallet  
1 Director and Tongue Tie  
1 Blow Pipe  
Needles and Silk

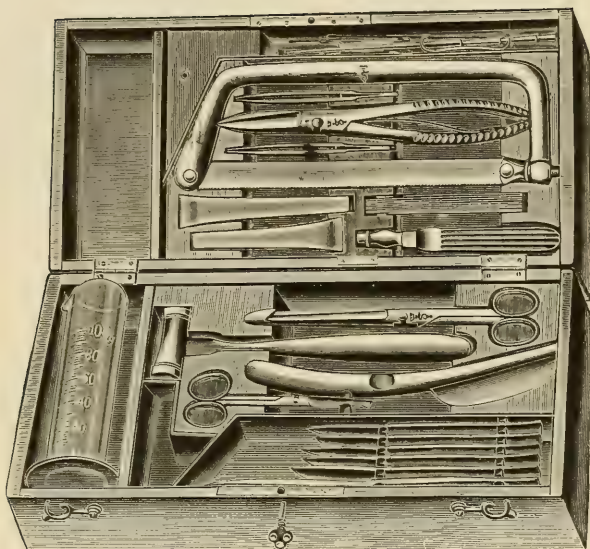
A/-1232 Post Mortem Set, small, in oak case, leather lined..... 13.50

#### Contents:

4 Dissecting Scalpels, metal handles  
1 Cartilage Knife, metal handle  
2 Grappling Hooks, double prongs  
1 Charrière's Blade Saw

1 Steel Hammer  
1 Post Mortem Chisel  
1 Dissecting Scissors, one probe point

1 Dissecting Forceps  
2 Probes, fine  
2 Blow Pipes  
Needles and Silk



A/-1237

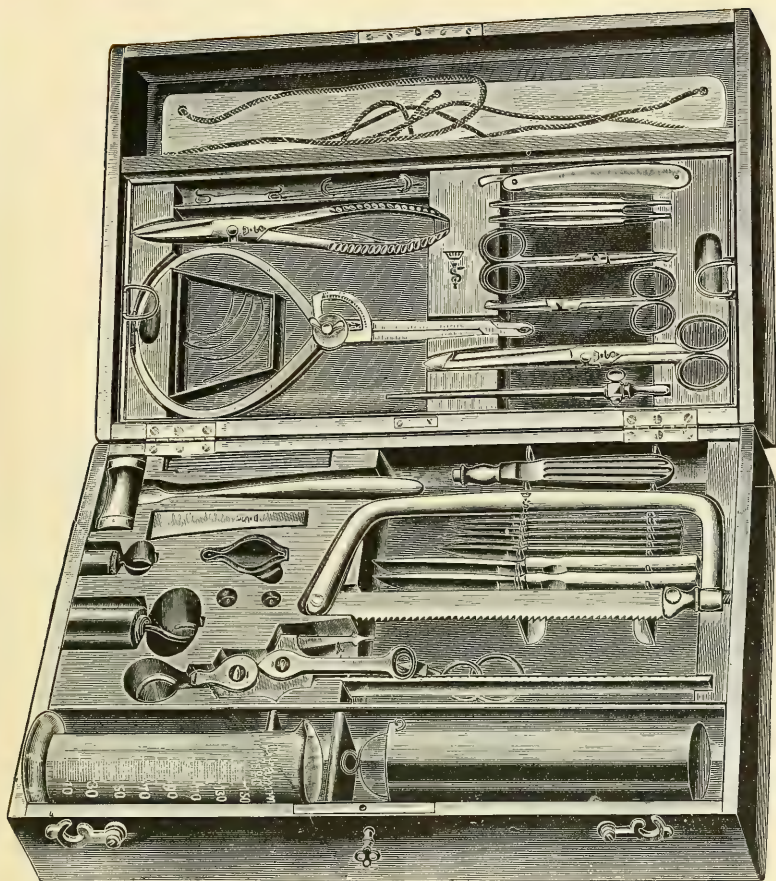
### Post Mortem Cases

(Continued)

A/-1237 Post Mortem Set, medium, in oak case, wood blocked . . . . . Each \$ 27.00

#### Contents:

- |                                      |  |                                  |
|--------------------------------------|--|----------------------------------|
| 4 Dissecting Scalpels, metal handles | 1 Bone Shears                          | 1 Graduate, glass, 100 cc.       |
| 1 Cartilage Knife, metal handle      | 1 Enterotomy Scissors                  | 2 Grappling Hooks, double prongs |
| 1 Virchow's Cartilage Knife          | 1 Dissecting Scissors, one probe point | 2 Probes, fine                   |
| 1 Bow Saw                            | 1 Rachiotome, knife shape              | 2 Blow Pipes                     |
| 1 Steel Hammer                       | 2 Dissecting Forceps                   | Needles and Silk                 |
| 2 Post Mortem Chisels                | 1 Rule, whalebone                      |                                  |



A/-1244

### Post Mortem Cases

(Continued)

A/-1244 Post Mortem Set, large, in oak case, wood blocked ..... Each \$ 60.00

#### Contents:

5 Dissecting Scalpels, metal handles  
 2 Virchow's Cartilage Knives  
 1 Razor, metal handle  
 2 Dissecting Forceps  
 2 Grappling Hooks, double prongs  
 2 Dissecting Scissors with one probe point  
 1 Enterotomy Scissors

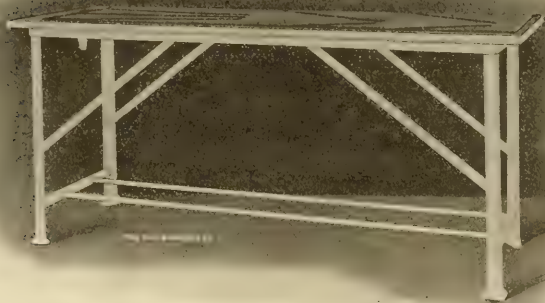
1 Bow Saw  
 1 Post Mortem Chisel  
 1 Steel Hammer  
 1 Bone Shears  
 1 Cephalometer  
 1 Rule, whalebone  
 1 Autopsy Scale

1 Magnifier  
 1 Graduate, glass, 150 cc.  
 3 Probes, fine  
 1 Blow Pipe with stopcock  
 12 Sheets Litmus Paper  
 Needles and Silk





S 1016

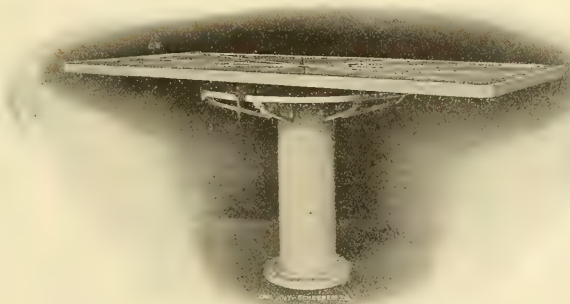


S/-1022-23

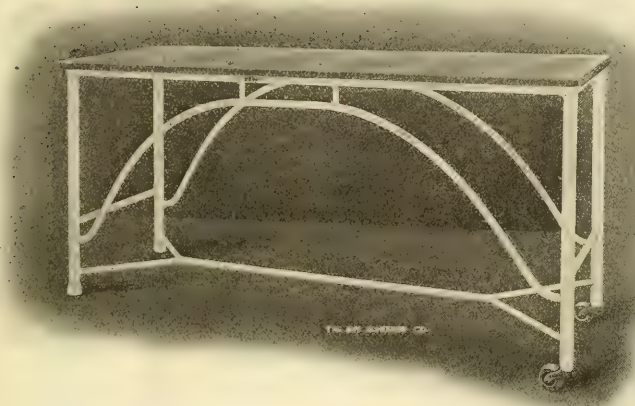
## Autopsy Tables

	Each
S/-1016 Autopsy Table, white enameled, tubular wrought iron frame supporting a heavy steel top with a drain pipe at foot end. Mounted on 2½-inch rubber tired wheels. Height at the head 32 inches, at the foot 28 inches. Dimensions: 72 inches long, 24 inches wide. Price.....	\$ 24.00
Packing.....	1.00
S/-1022 Autopsy Table, white enameled, tubular wrought iron frame supporting a grooved slate top with drain spout at one end. Dimensions: 72 inches long, 24 inches wide and 33 inches high. Price.....	39.00
Packing.....	2.00
S/-1023 Autopsy Table, same as above, but supplied with a non-absorbent stone top. Price.....	42.00
Packing.....	2.00





S/-1031

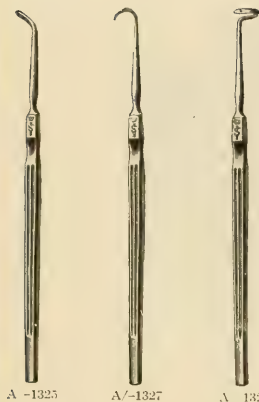


S/-1040

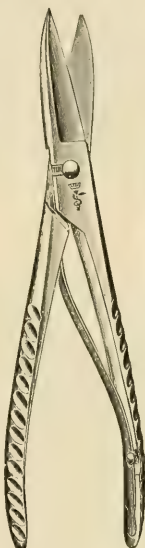
### Autopsy Tables

(Continued)

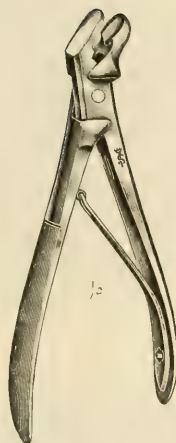
S/-1031	Autopsy Table (New York Lying-In Hospital pattern) revolving slate top mounted on a heavy white enameled cylindrical base. The table is equipped with central drainage pipe for direct connection with sewer drain in the floor. Dimensions: 78 inches long, 36 inches wide and 37 inches high. Price.....	Each	\$ 175.00
	Packing.....		2.50
*S/-1034	Special Floor Socket to permit drainage into the same pipe. Price.....		30.00
S/-1040	Autopsy Table, white enameled, with heavy tubular wrought iron frame, substantially braced. Mounted on two heavy 2½-inch rubber tired wheels and two rubber floor tips. Dimensions: 72 inches long, 24 inches wide and 32 inches high.		
	With polished French plate glass top, 1 inch thick. Price.....		80.00
	With unpolished plate glass top, 1 inch thick. Price.....		60.00
	Packing.....		2.50



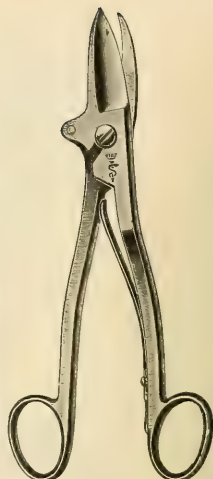
A/-1325 A/-1327 A/-1329



A/-1333-37



A/-1346



A/-1352



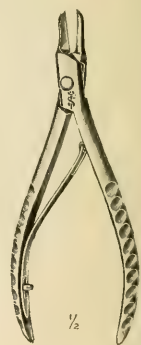
A/-1356



A/-1360



A/-1340



A/-1342

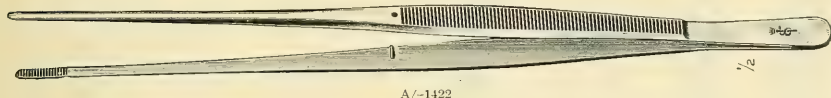
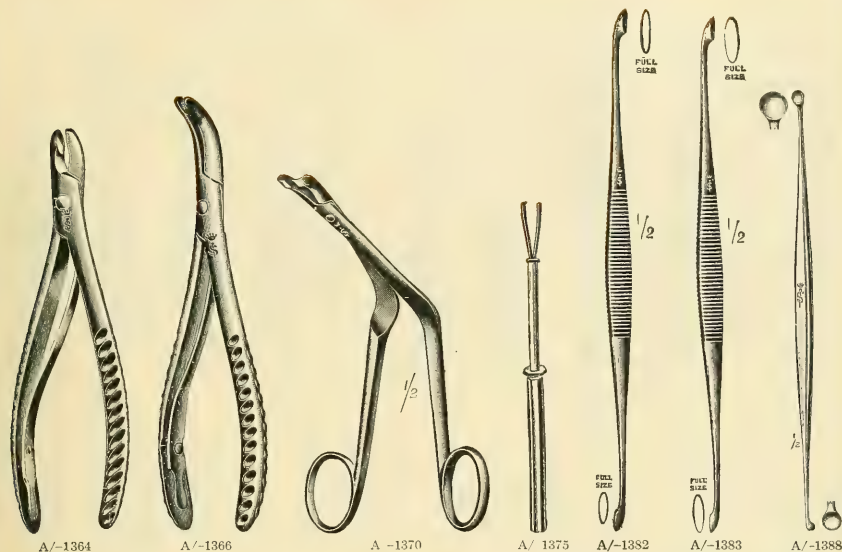
### Aneurism Needles

	Each
A/-1325 Kronecker's Aneurism Needle, curved.....	\$ .60
A/-1327 Kronecker's Aneurism Needle, full curved.....	.75
A/-1329 Kronecker's Aneurism Needle, curved sideways.....	.75

### Bone Forceps

A/-1335 Plain Bone Shears, 6 1/4 inches.....	2.00
A/-1337 Plain Bone Shears, 8 inches.....	2.25
A/-1340 Plain Bone Forceps, bayonet shape.....	3.25
A/-1342 Plain Bone Forceps, narrow beak.....	2.75
A/-1346 Barnhill's Bone Rongeur.....	5.00
A/-1352 Kronecker's Bone Shears, eccentric sliding blade.....	5.00
A/-1356 Liston's Bone Forceps, straight, 5 3/4 inches.....	2.25
A/-1360 Liston's Bone Forceps, curved, 5 3/4 inches.....	2.25

GUARANTEE



A/-1396-1400 A/-1410-14

## Bone Forceps

(Continued)

	Each
A/-1364 Luer-Hartmann's Bone Rongeur, slightly curved.....	\$ 3.00
A/-1366 Luer-Hartmann's Bone Rongeur, full curved.....	3.25
A/-1370 Lutz's Bone Forceps, for cutting small spurs.....	5.00

## Cotton Carrier

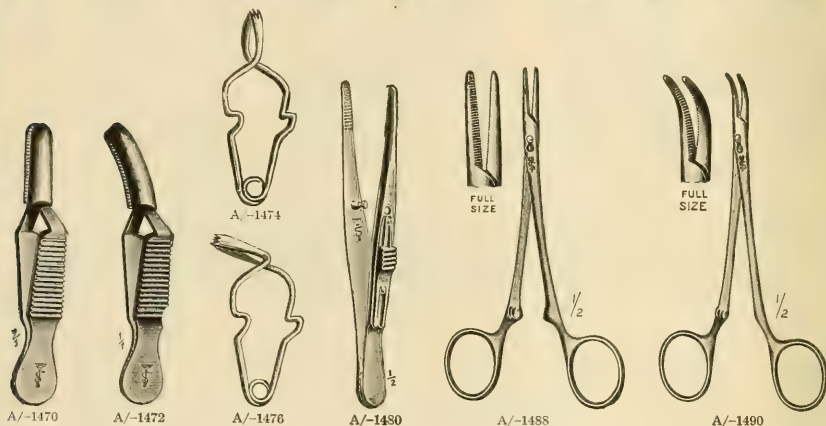
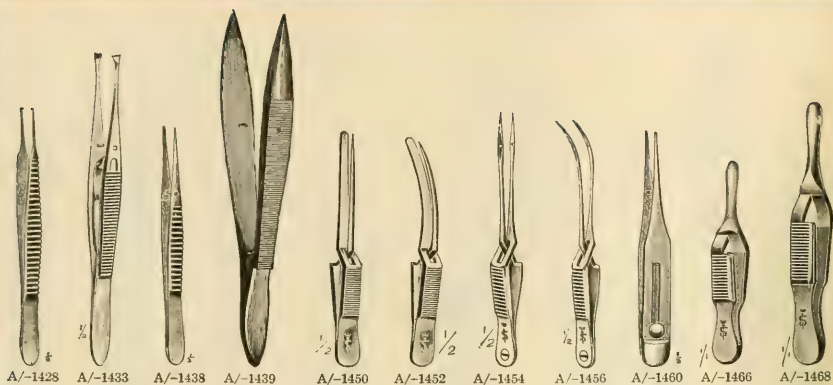
A/-1375 Cowl's Cotton Carrier, with slide.....	1.10
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## Curettes

A/-1382 Barth's Curette, double ended, narrow.....	1.75
A/-1383 Barth's Curette, double ended, wide.....	1.75
A/-1388 Jansen's Curette, double ended.....	1.50

## Dissecting Forceps

A/-1396 Dissecting Forceps, 4 inches, serrated tips.....	.35
A/-1398 Dissecting Forceps, 4½ inches, serrated tips.....	.40
A/-1400 Dissecting Forceps, 5 inches, serrated tips.....	.45
A/-1410 Dissecting Forceps, 4 inches, 1 x 2 teeth.....	.45
A/-1412 Dissecting Forceps, 4½ inches, 1 x 2 teeth.....	.45
A/-1414 Dissecting Forceps, 5 inches, 1 x 2 teeth.....	.50
A/-1422 Forceps for holding rats, 12 inches.....	1.50



## Dissecting Forceps

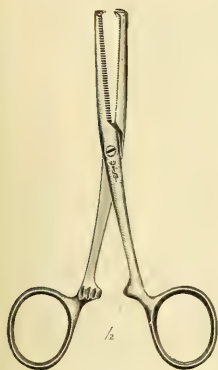
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	Each
A/-1428 Cowl's Tissue Forceps, very fine.....	\$.75
A/-1433 Graefe's Tissue Forceps, with catch.....	1.25
A/-1438 Kronecker's Dissecting Forceps, fine point.....	.60
A/-1439 Kronecker's Dissecting Forceps, heavy broad point.....	.75

## Artery and Haemostatic Forceps

	Each
A/-1450 Allis' Acupressure Forceps, straight.....	1.25
A/-1452 Allis' Acupressure Forceps, curved.....	1.35
A/-1454 Allis' Acupressure Forceps, double needle points, straight.....	1.50
A/-1456 Allis' Acupressure Forceps, double needle points, curved.....	1.60
A/-1460 Cowl's Acupressure Forceps, with catch.....	.85
A/-1466 Dieffenbach's Serre Fine, small.....	.60
A/-1468 Dieffenbach's Serre Fine, slender.....	.65
A/-1470 Dieffenbach's Serre Fine, regular, straight.....	.45
A/-1472 Dieffenbach's Serre Fine, regular, curved.....	.50
A/-1474 Dieffenbach's Wire Serre Fine, straight.....	.20
A/-1476 Dieffenbach's Wire Serre Fine, angular.....	.20
A/-1480 Fricke's Artery Forceps, 3½, 4, 4½ and 5 inches.....	1.50
A/-1488 Halstead's Mosquito Forceps, straight.....	.90
A/-1490 Halstead's Mosquito Forceps, curved.....	.95

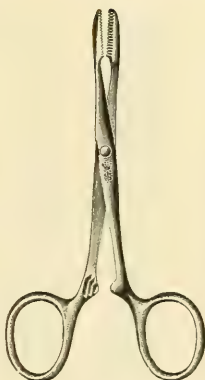




A/-1493



A/-1497



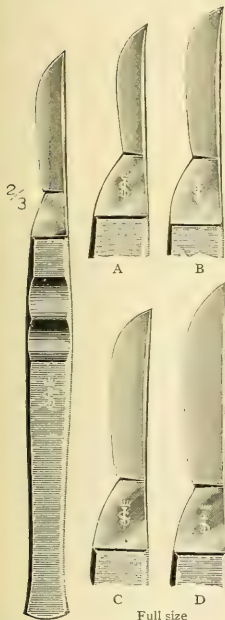
A/-1502



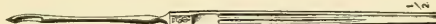
A/-1510



A/-1512



Full size  
A/-1520



A/-1524



A/-1529



A/-1534

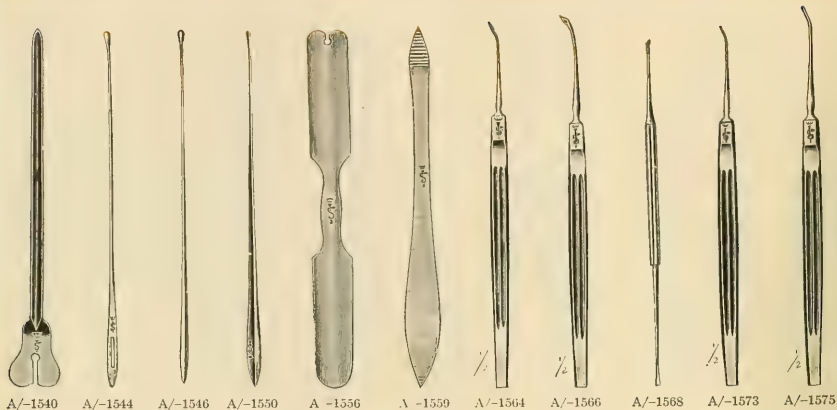
## Artery and Haemostatic Forceps

(Continued)

	Each
A/-1493 <b>Kocher's</b> Haemostatic Forceps, $4\frac{1}{2}$ , 5 and $5\frac{1}{2}$ inches.....	\$ .90
A/-1497 <b>Langenbeck's</b> Artery Forceps.....	1.50
A/-1502 <b>Péan's</b> Haemostatic Forceps, 4, $4\frac{1}{2}$ and 5 inches.....	.60
A/-1510 <b>Schneider's</b> Artery Forceps, $4\frac{3}{4}$ and $5\frac{1}{4}$ inches.....	1.75
A/-1512 <b>Schneider's</b> Artery Forceps, mouse teeth, $4\frac{3}{4}$ and $5\frac{1}{4}$ inches.....	2.00

## Knives

A/-1520	Plain Operating Knives, hand forged, 4 sizes.....	1.50
A/-1524	<b>Bernard's</b> Trigemini Knife.....	1.50
A/-1529	<b>Cowl's</b> Neck Piercer.....	1.35
A/-1534	<b>Kronecker's</b> Ligament Knife.....	1.25



A -1592

### Probes, Directors and Spatulas

	Each
A/-1540 Director and Tongue Tie, plated, 4, 4½ and 5 inches	\$ .25
A/-1544 Probe, with eye, plated, 4, 4½ and 5 inches	.10
A/-1546 Probe, with spear point, plated, 4, 4½ and 5 inches.	.10
A/-1550 Probe, with myrtle leaf end, plated, 4, 4½ and 5 inches	.30
A/-1556 Spatula and Tongue Tie, plated, 4, 4½ and 5 inches.	.50
A/-1559 Spatula and Elevator, plated, 4, 4½ and 5 inches.	.50
A/-1564 Cowl's Probe.	.50
A/-1566 Cowl's Probe, with eye.	.60
A/-1568 Cowl's Probe, double ended.	.30
A/-1573 Kronecker's Probe, fine.	.45
A/-1575 Kronecker's Probe, heavy.	.45

### Raspatories

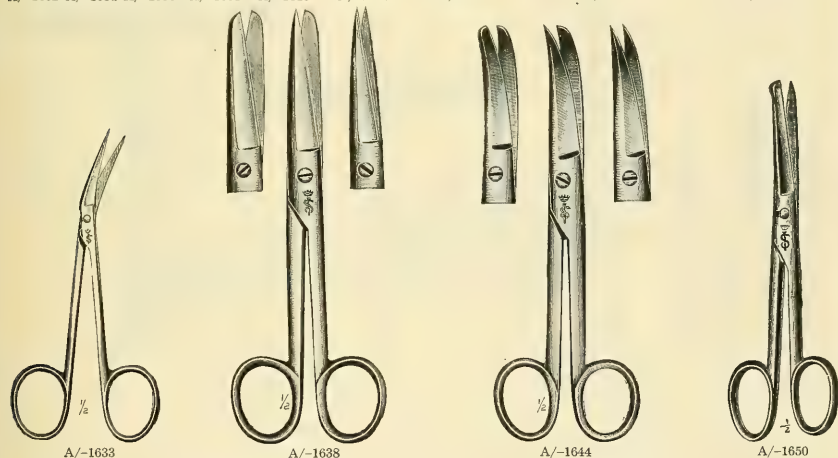
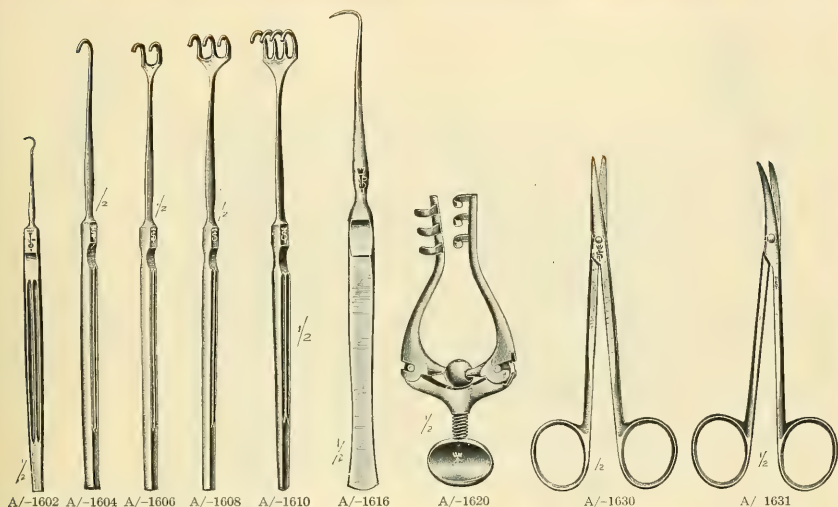
A/-1582 Freer's Elevator, sharp edge.	1.25
A/-1583 Freer's Elevator, blunt edge.	1.25
A/-1586 Freer's Raspatory, straight blade.	1.25
A/-1587 Freer's Raspatory, curved blade.	1.25
A/-1592 Kronecker's Raspatory.	.75



A/-1582 A/-1583



A/-1586 A/-1587



### Retractors

	Each
A/-1602 Plain Retractor, sharp, single prong, fine.....	\$ .40
A/-1604 Plain Retractor, sharp or blunt, 1 prong.....	.80
A/-1606 Plain Retractor, sharp or blunt, 2 prongs.....	.90
A/-1608 Plain Retractor, sharp or blunt, 3 prongs.....	1.00
A/-1610 Plain Retractor, sharp or blunt, 4 prongs.....	1.25
A/-1616 Cowl's Retractor.....	.60
A/-1620 Jansen's Retractor, automatic.....	3.75

### Scissors

	Each
A/-1630 Plain Scissors, fine, straight.....	\$ 1.15
A/-1631 Plain Scissors, fine, curved on flat.....	1.15
A/-1633 Plain Scissors, fine, angular.....	1.25
A/-1638 Plain Scissors, heavy, straight, 5 inches.....	.65
A/-1644 Plain Scissors, heavy, curved, 5 inches.....	.90
When ordering Scissors A/-1638 and A/-1644 specify points desired as illustrated: No. 1, both points blunt; No. 2, one sharp point and one blunt point; No. 3, both points sharp.	
A/-1650 Plain Scissors, heavy, straight, with one probe point, 5 inches.....	.90



A/-1655



A/-1659



A/-1664



A/-1666



A/-1669



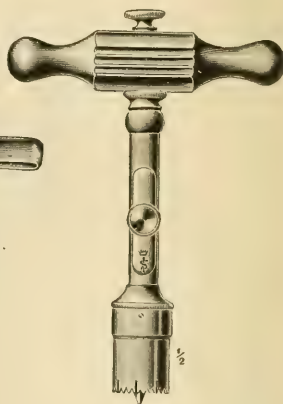
A/-1671



A/-1682-83



A/-1688



A/-1692

## Scissors

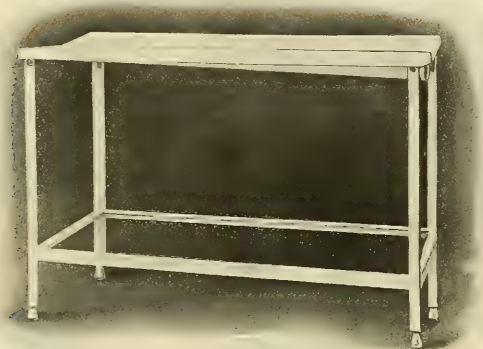
(Continued)

	Each
A/-1655 Plain Scissors, heavy, angular, 5 inches.....	\$ .80
A/-1659 Cowl's Scissors, spring pattern.....	3.00
A/-1664 Kronecker's Scissors, fine, straight, eccentric lock.....	1.25
A/-1666 Kronecker's Scissors, fine, curved, eccentric lock.....	1.50
A/-1669 Kronecker's Scissors, heavy, straight, eccentric lock.....	1.25
A/-1671 Kronecker's Heart Scissors, with probe.....	1.50

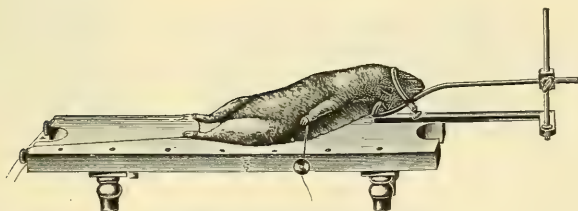
## Trephines

A/-1682 Plain Trephine, 4 mm.....	1.25
A/-1683 Plain Trephine, 6 mm.....	1.75
A/-1688 Buchanan's Trephine.....	2.25
A/-1692 Crown Shape Trephine, $\frac{1}{16}$ , $\frac{1}{8}$ , $\frac{3}{16}$ and $\frac{1}{2}$ inch.....	5.00





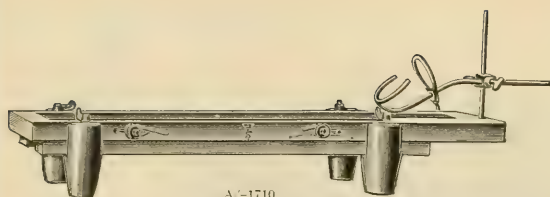
S/-1215



A/-1707

### Operating Boards and Tables

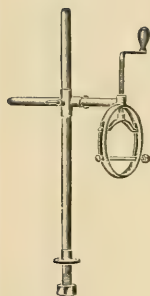
	Each
S/-1215 Animal Operating Table. The frame is strongly constructed, finished in white enamel and mounted on rubber floor tips; the top is fire porcelain enameled, and is in two sections, converging towards the center, with drainage trough, so as to preserve the sanitary conditions. Along each side of the top frame of the table are cleats, so that the animal may be securely tied. Dimensions: 40 inches long, 18 inches wide, 36 inches high. ....	\$ 30.00
Packing.....	1.50
A/-1707 Animal Operating Board, with head holder for guinea pigs and rats.....	18.00



A/-1710



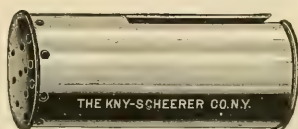
M/-593a and b



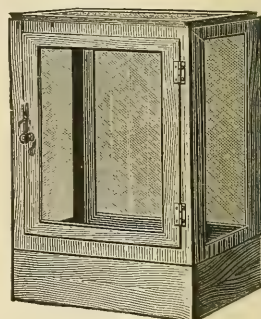
M/-594



M/-595-96



M/-592



A/-1043-44

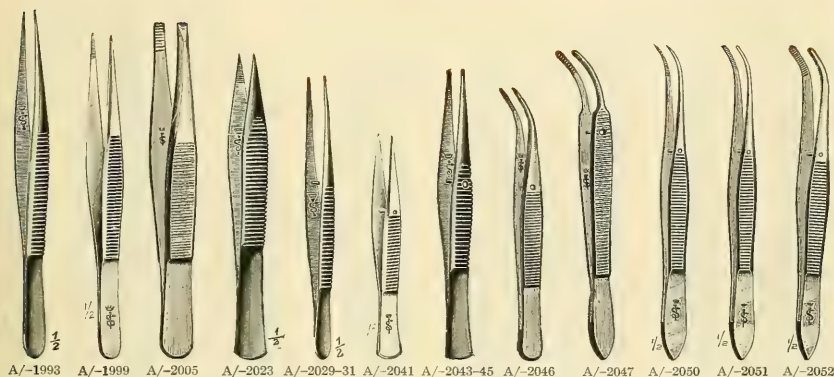
## Operating Boards and Tables

(Continued)

	Each
A/-1710 Animal Operating Board, with head holder for small dogs and cats.....	\$ 20.00
M/-593a <b>Kitasato's</b> Mouse Holder, all metal, for mice.....	3.25
M/-593b <b>Kitasato's</b> Rat Holder, all metal, large size, for rats.....	17.50
M/-594 Columbia Pattern Head Holder, can be screwed to any table.....	10.00

## Animal Cages and Jars

M/-592 <b>Voges'</b> Holder for guinea pigs, zinc, with slot and perforated base; useful for taking temperatures, inoculations, etc.....	.90
M/-595 Mouse Jar, glass, with nickel-plated wire gauze cover, weighted with heavy iron knob, 5 x 7 inches.....	1.10
M/-596 Mouse Jar, glass, with nickel-plated wire gauze cover, weighted with heavy iron knob, 6 x 8 inches.....	1.20
NS/-1043 Animal Cage, non-corrosive, 16 inches high, 12 inches wide and 12 inches long.....	2.50
NS/-1044 Animal Cage, non-corrosive, 16 inches high, 12 inches wide and 18 inches long.....	3.50



A/-2071



A/-2100



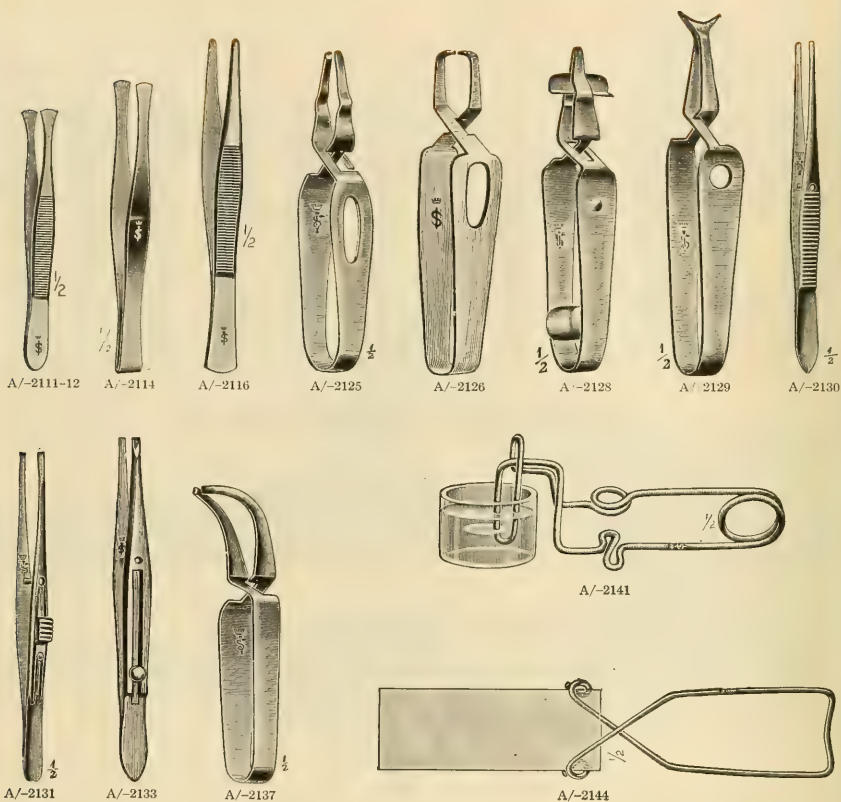
A/-2090-97

### Dissecting Forceps

		Each
A/-1993	Microscopic Dissecting Forceps, straight, smooth tips, $4\frac{3}{4}$ inches.	\$ .40
A/-1999	Microscopic Dissecting Forceps, straight, serrated tips, $4\frac{3}{4}$ inches.	.50
A/-2005	Microscopic Dissecting Forceps, straight, broad serrated tips, $4\frac{1}{2}$ inches.	.50
A/-2023	Microscopic Dissecting Forceps, straight, serrated tips, $4\frac{1}{2}$ inches.	.50
A/-2029	Microscopic Dissecting Forceps, straight, serrated tips, 4 inches.	.45
A/-2031	Microscopic Dissecting Forceps, straight, serrated tips, $4\frac{1}{2}$ inches.	.50
A/-2041	Microscopic Dissecting Forceps, straight, smooth tips, 3 inches.	.50
A/-2043	Microscopic Dissecting Forceps, straight, serrated tips, $3\frac{1}{4}$ inches.	.40
A/-2044	Microscopic Dissecting Forceps, straight, serrated tips, 4 inches.	.45
A/-2045	Microscopic Dissecting Forceps, straight, serrated tips, $4\frac{1}{2}$ inches.	.50
A/-2046	Microscopic Dissecting Forceps, curved, serrated tips, 4 inches.	.50
A/-2047	Microscopic Dissecting Forceps, curved, serrated tips, $4\frac{1}{2}$ inches.	.60
A/-2050	Microscopic Dissecting Forceps, curved, narrow serrated tips, $4\frac{1}{2}$ inches.	.75
A/-2051	Microscopic Dissecting Forceps, curved, broad serrated tips, $4\frac{1}{2}$ inches.	.70
A/-2052	Microscopic Dissecting Forceps, curved, extra wide serrated tips, $4\frac{1}{2}$ inches.	.65
A/-2071	Microscopic Dissecting Forceps, straight, cross action, horn handle, $6\frac{3}{4}$ inches.	1.25

### Specimen Forceps

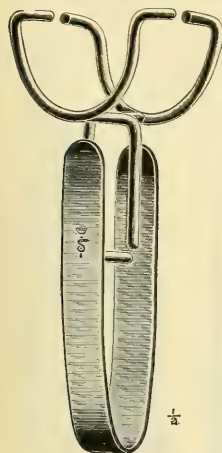
A/-2090	Specimen Forceps, steel, 10 inches.	1.25
A/-2091	Specimen Forceps, steel, 12 inches.	1.50
A/-2092	Specimen Forceps, steel, 15 inches.	2.75
A/-2093	Specimen Forceps, steel, 20 inches.	3.25
A/-2097	Specimen Forceps, nickeline, 12 inches.	2.75
A/-2100	Specimen Forceps, boxwood, 12 inches, for handling specimens in acids.	1.50



### Cover Glass and Slide Holding Forceps

	Each
A/-2111 Plain Cover Glass Forceps, broad tips, brass, 3 $\frac{3}{4}$ inches.....	\$ .40
A/-2112 Plain Cover Glass Forceps, broad tips, brass, 4 inches.....	.45
A/-2114 Plain Cover Glass Forceps, broad tips, brass, of one piece, 4 inches.....	.40
A/-2116 Plain Cover Glass Forceps, narrow tips, 4 $\frac{3}{4}$ inches.....	.50
A/-2125 Cornet's Cover Glass Forceps, brass.....	.40
A/-2126 Cornet's Cover Glass Forceps, steel.....	.50
A/-2128 Debrand's Cover Glass Forceps, with weight to increase stability.....	1.00
A/-2129 Dimitroff's Cover Glass Forceps.....	.90
A/-2130 Ehrlich's Cover Glass Forceps, plain.....	.50
A/-2131 Ehrlich's Cover Glass Forceps, with slide catch.....	1.25
A/-2133 Ehrlich's Cover Glass Forceps, with sliding button catch.....	1.10
A/-2137 Kaatzer's Cover Glass Forceps.....	.75
A/-2141 Kalteyer's Cover Glass Forceps, for staining.....	.30
A/-2144 Kirkbride's Slide Forceps, for staining.....	.15





A/-2147



A/ 2151



A/-2156



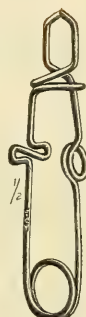
A/-2159



A/-2160



A/-2163



A/-2165



A/-2167



A/-2169



A/-2173



A/-2175



A/-2177



A/-2180



A/-2181



A/-2183



A/-2185



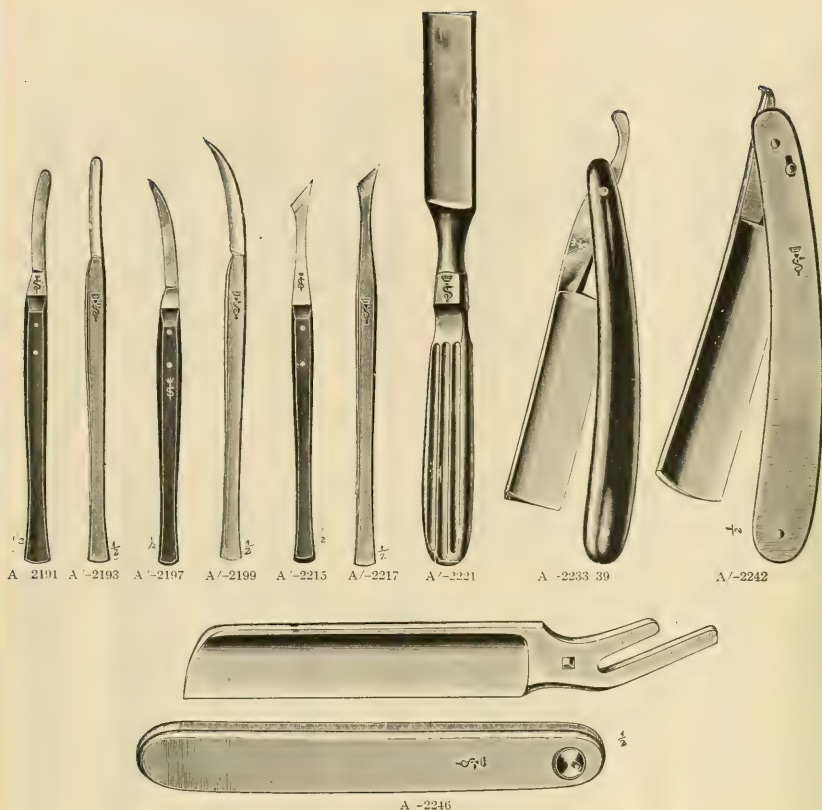
A/-2187

### Cover Glass and Slide Holding Forceps

	Each
A/-2147 Kny-Scheerer Co.'s Slide Forceps.....	\$ 1.50
A/-2151 Kuehne's Cover Glass Forceps.....	.60
A/-2156 Munich Pattern Cover Glass Forceps, cross action.....	.75
A/-2159 Novy's Cover Glass Forceps, plain.....	.50
A/-2160 Novy's Cover Glass Forceps, with slide catch.....	1.10
A/-2163 Scott's Cover Glass Forceps, brass.....	.50
A/-2165 Stewart's Cover Glass Forceps.....	.15

### Microscopic Knives

	Each
A/-2167 Microscopic Scalpel, convex blade, ebony handle.....	.40
A/-2169 Microscopic Scalpel, convex blade, metal handle.....	.45
A/-2173 Microscopic Scalpel, narrow blade, ebony handle.....	.40
A/-2175 Microscopic Scalpel, narrow blade, metal handle.....	.45
A/-2177 Microscopic Scalpel, strongly bellied blade, small, ebony handle.....	.40
A/-2180 Microscopic Scalpel, strongly bellied blade, small, metal handle.....	.45
A/-2181 Microscopic Scalpel, strongly bellied blade, medium, ebony handle.....	.40
A/-2183 Microscopic Scalpel, strongly bellied blade, medium, metal handle.....	.45
A/-2185 Microscopic Scalpel, strongly bellied blade, large, ebony handle.....	.40
A/-2187 Microscopic Scalpel, strongly bellied blade, large, metal handle.....	.45



### Microscopic Knives

(Continued)

	Each
A/-2191 Microscopic Bistoury, convex, blunt point, ebony handle.....	\$ .40
A/-2193 Microscopic Bistoury, convex, blunt point, metal handle.....	.45
A/-2197 Microscopic Bistoury, concave, sharp point, ebony handle.....	.40
A/-2199 Microscopic Bistoury, concave, sharp point, metal handle.....	.45
A/-2215 Microscopic Knife, triangular shape, ebony handle.....	.40
A/-2217 Microscopic Knife, triangular shape, metal handle.....	.45

### Microscopic Section Knives

A/-2221 Plain Microscopic Section Razor, fixed metal handle.....	1.25
A/-2233 Plain Microscopic Section Razor, folding hard rubber handles, blade 3 x 7/8 inches.....	1.50
A/-2239 Plain Microscopic Section Razor, folding hard rubber handles, blade 4 x 1 1/8 inches.....	2.00
A/-2242 Plain Microscopic Section Razor, folding metal handle, blade 4 x 1 inches.....	4.50
A/-2246 Plain Microscopic Section Razor, detachable metal handle, can also be used on microtome, blade 5 x 1 inches.....	8.00



A/-2249



A/-2251



A/-2263



A/-2265



A/-2270



A/-2272



A/-2274



A/-2276

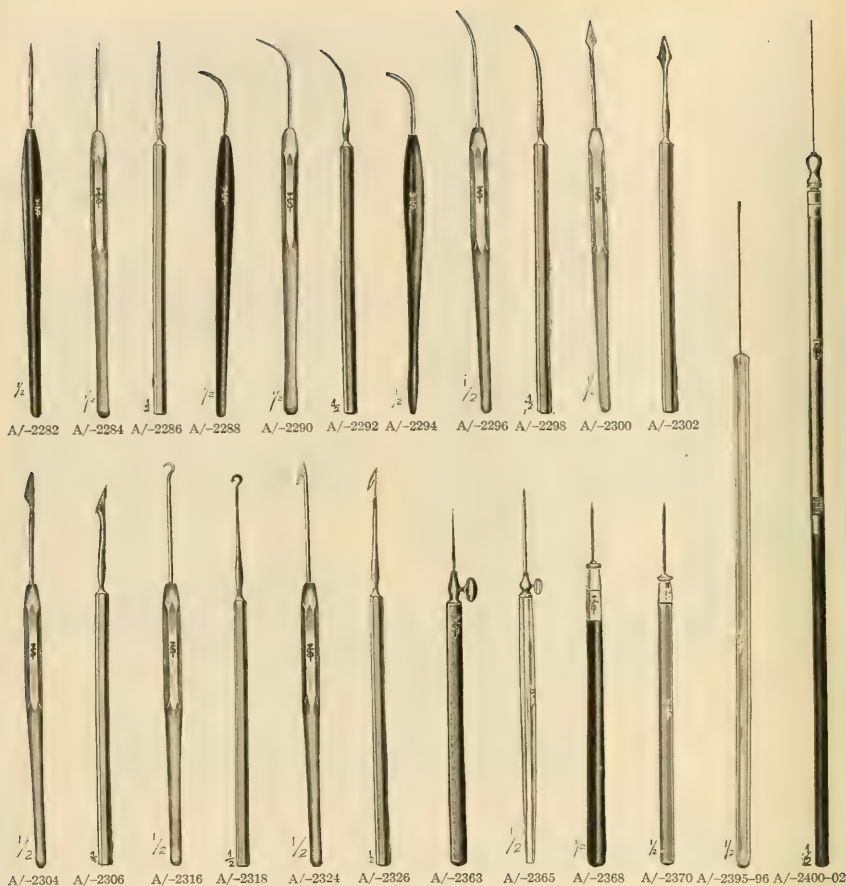
# Microscopic Section Knives

(Continued)

		Each
A/-2249	American Pattern Section Knife . . . . .	\$ 6.00
A/-2251	Charrière's Section Knife, double blade . . . . .	7.50
A/-2263	Valentini's Section Knife, double blade . . . . .	6.25
A/-2265	Walb's Section Knife, double blade . . . . .	15.00

# Sharpening Hones and Strops

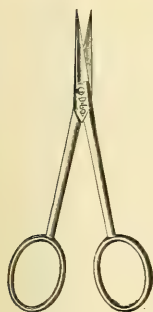
A/-2270	Arkansas Hard Stone, mounted in hardwood box, 5 x 2 inches . . . . .	2.50
	6 x 2 inches . . . . .	3.00
	7 x 2 inches . . . . .	3.50
	8 x 2 inches . . . . .	4.25
A/-2272	Belgian Razor Hone, extra choice selected, 8 inches . . . . .	2.50
	9 inches . . . . .	4.00
	10 inches . . . . .	5.25
A/-2274	German Water Hone, blue green, with rubber, 8 inches . . . . .	.50
	9 inches . . . . .	.60
	10 inches . . . . .	.75
A/-2276	Razor Strop, imported English oak tanned shell leather, 24 x 2 1/4 inches . . . . .	2.50



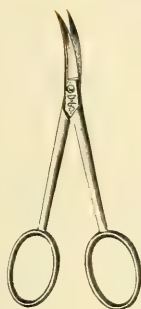
### Microscopic Needles

	Each		Each
A/-2282 Microscopic Needle, straight, wood handle.....	.15	A/-2316 Microscopic Needle, hook shape, aluminum handle.....	.25
A/-2284 Microscopic Needle, straight, aluminum handle.....	.20	A/-2318 Microscopic Needle, hook shape, metal handle..	.35
A/-2286 Microscopic Needle, straight, metal handle.....	.30	A/-2324 Microscopic Needle, harpoon shape, aluminum handle.....	.50
A/-2288 Microscopic Needle, curved sharp, wood handle..	.20	A/-2326 Microscopic Needle, harpoon shape, metal handle	.60
A/-2290 Microscopic Needle, curved sharp, aluminum handle.....	.25	A/-2363 Microscopic Needle Holder, metal, with set screw.....	.30
A/-2292 Microscopic Needle, curved sharp, metal handle.....	.35	A/-2365 Microscopic Needle Holder, aluminum, with set screw.....	.25
A/-2294 Microscopic Needle, curved blunt, wood handle.....	.20	A/-2368 Microscopic Needle Holder, ebony, screw clamp.....	.15
A/-2296 Microscopic Needle, curved blunt, aluminum handle.....	.25	A/-2370 Microscopic Needle Holder, metal, screw clamp.....	.20
A/-2298 Microscopic Needle, curved blunt, metal handle.....	.35	*A/-2371 Needles for above, per 100.....	.25
A/-2300 Microscopic Needle, spear point, aluminum handle.....	.30	A/-2395 Platinum Inoculating Needle, in glass rod, 4 cm.....	.50
A/-2302 Microscopic Needle, spear point, metal handle.....	.40	A/-2396 Platinum Inoculating Needle, in glass rod, 8 cm.....	.75
A/-2304 Microscopic Needle, triangular point, aluminum handle.....	.25	A/-2400 Kollé's Holder for platinum needles, hard rubber handle.....	1.00
A/-2306 Microscopic Needle, triangular point, metal handle.....	.35	A/-2402 Kollé's Holder, for platinum needles, hard rubber handle, to unscrew.....	1.50





A/-2413



A/-2419



A/-2425



A/-2431



A/-2437



A/-2443



A/-2449



A/-2454



A/-2459



A/-2460



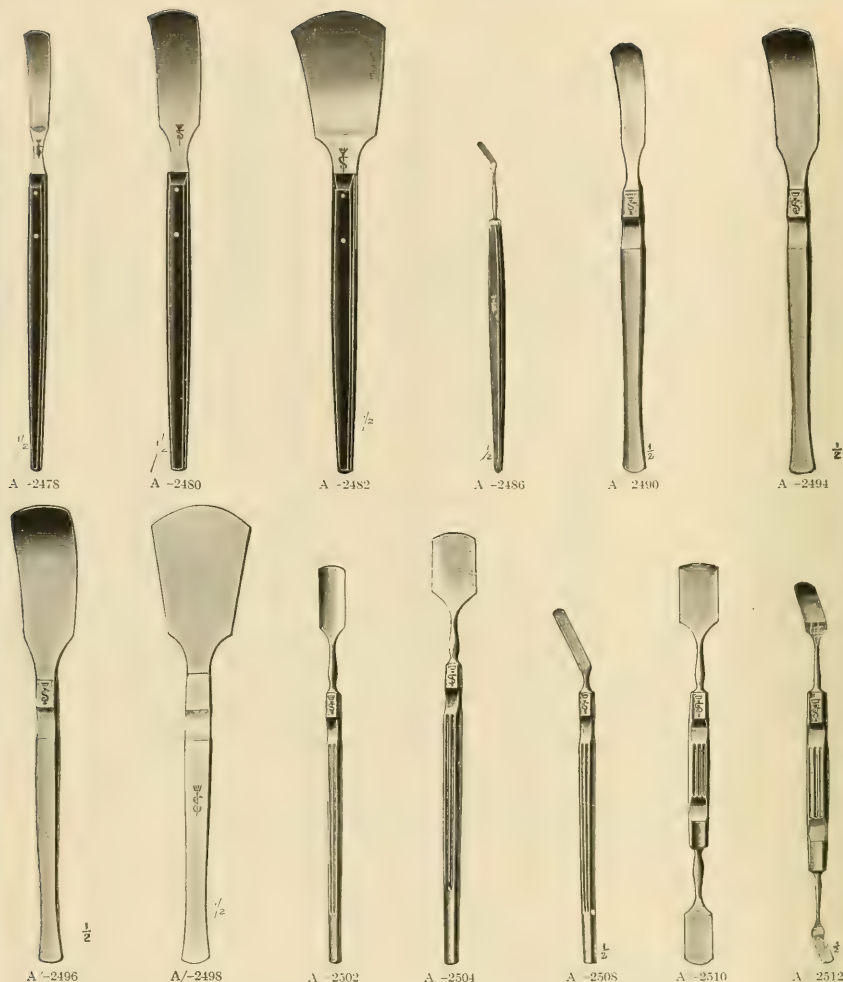
A/-2476



A/-2473

### Microscopic Scissors

	Each
A/-2413 Plain Microscopic Scissors, heavy, straight.....	\$ .50
A/-2419 Plain Microscopic Scissors, heavy, curved.....	.60
A/-2425 Plain Microscopic Scissors, slender, straight.....	.60
A/-2431 Plain Microscopic Scissors, slender, curved.....	.70
A/-2437 Plain Microscopic Scissors, very fine, straight.....	.70
A/-2443 Plain Microscopic Scissors, very fine, curved.....	.80
A/-2449 Plain Microscopic Scissors, slender, angular.....	.75
A/-2454 <b>De Wecker's</b> Microscopic Scissors, for fine sections.....	4.25
A/-2459 <b>McClure's</b> Microscopic Scissors, with spring, straight.....	3.50
A/-2460 <b>McClure's</b> Microscopic Scissors, with spring, angular.....	3.50
A/-2473 <b>Noyes'</b> Microscopic Scissors, metal handle.....	3.00
A/-2476 <b>Weiss'</b> Microscopic Scissors.....	5.50



### Microscopic Section Lifters

	Each
A-2478 Microscopic Section Lifter, ebony handle, $\frac{1}{2}$ inch wide.....	\$ .40
A-2480 Microscopic Section Lifter, ebony handle, $\frac{3}{4}$ inch wide.....	.45
A-2482 Microscopic Section Lifter, ebony handle, $1\frac{1}{2}$ inches wide.....	.50
A-2486 Microscopic Section Lifter, ebony handle, angular blade, $\frac{3}{4}$ inch wide.....	.40
A-2490 Microscopic Section Lifter, metal handle, $\frac{3}{4}$ inch wide.....	.45
A-2494 Microscopic Section Lifter, metal handle, $\frac{3}{4}$ inch wide.....	.50
A-2496 Microscopic Section Lifter, metal handle, 1 inch wide.....	.60
A-2498 Microscopic Section Lifter, metal handle, $1\frac{3}{4}$ inches wide.....	.70
A-2502 Microscopic Section Lifter, metal handle, rigid blade, $\frac{1}{2}$ inch wide.....	.70
A-2504 Microscopic Section Lifter, metal handle, rigid blade, $\frac{1}{4}$ inch wide.....	.90
A-2508 Microscopic Section Lifter, metal handle, angular blade, $\frac{1}{4}$ inch wide.....	.70
A-2510 Microscopic Section Lifter, metal handle, double ended, blades $\frac{1}{2}$ and $\frac{1}{4}$ inch wide.....	1.10
A-2512 Microscopic Section Lifter, metal handle, double ended, angular blades, $\frac{1}{4}$ and $\frac{3}{8}$ inch wide.....	.90



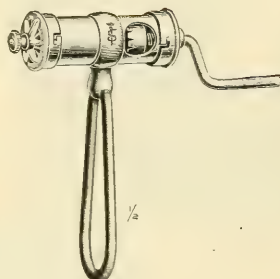
A 2516



A 2518



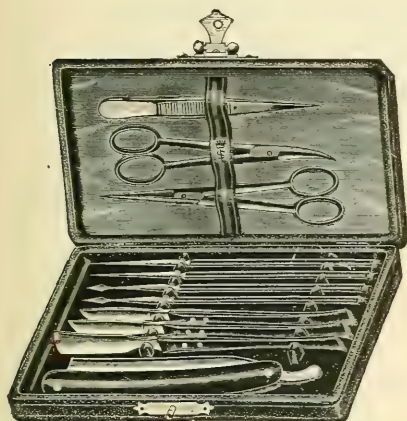
A/-2523



A/-2529



A/-2550



A-2564



A/-2560

### Microscopic Section Lifters

(Continued)

	Each
A/ 2516 Microscopic Section Lifter, metal handle, double ended, blades $\frac{3}{4}$ and $\frac{1}{4}$ inch wide.....	\$ .60
A/-2518 Microscopic Section Lifter, metal handle, double ended, blades $\frac{3}{4}$ inch wide.....	.25
A 2523 Born's Section Lifter, metal handle, perforated, for handling delicate specimens.....	.80

### Tissue Grinder

A/-2529 Apolant's Tissue Grinder, for grinding meats, tumors and all organic matter.....	13.50
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### Trocar

A-2550 Trocar, for obtaining samples of meat for microscopic examinations.....	2.50
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### Microscopic Dissecting Cases

A/-2560 Microscopic Dissecting Set, No. 1, in leather covered, velvet lined case.....	3.75
Contents: 1 Dissecting Scalpel 1 Dissecting Forceps 1 Dissecting Scissors, curved 1 Section Razor	1 Section Lifter 2 Microscopic Needles
A/-2564 Microscopic Dissecting Set, No. 2, in leather covered, velvet lined case.....	5.00
Contents: 2 Dissecting Scalpels 1 Dissecting Forceps 1 Dissecting Scissors, straight 1 Dissecting Scissors, curved	1 Section Razor 2 Microscopic Needles 2 Microscopic Needles, spear point



N/-1424 and 1436



N/-1430 and 1442



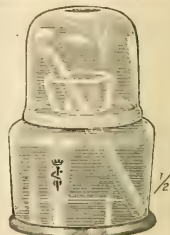
N/-1508-26



N/-1544



N/-1640



N/-1642



N/-1654



N/-1454-72



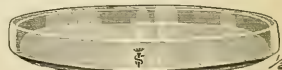
N/-1547



N/-1622-25



N/-1418



N/-674

### Microscopic Cover Glasses

	Ounce		Ounce
N/-1424 Cover Glasses, No. 1, square, $\frac{3}{4}$ or $\frac{7}{8}$ inch	\$1.10	N/-1442 Cover Glasses, No. 2, circle, $\frac{3}{4}$ inch	\$1.05
N/-1430 Cover Glasses, No. 1, circle, $\frac{3}{4}$ inch	1.20	*N/-1448 Cover Glasses, rectangular (zoological), 2 x $\frac{7}{8}$ inch	1.25
N/-1436 Cover Glasses, No. 2, square, $\frac{3}{4}$ inch	.90		

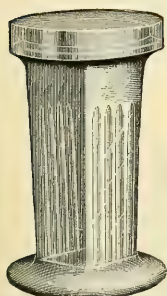
### Microscopic Slides

	Gross		Gross
N/-1508 Slides, cut edges, 3 x 1 inch	.65	*N/-1532 Slides, 2 x 1 inch (botanical)	.90
N/-1511 Slides, slightly ground, 3 x 1 inch	.75	*N/-1538 Slides, 3 x 2 inches (zoological)	2.00
N/-1520 Slides, full ground, 3 x 1 inch	.90	N/-1544 Culture Slide, with round cavity	.50
N/-1526 Slides, full ground, extra thin, 3 x 1 inch	1.00	N/-1547 Culture Slide, with oval cavity	.50

### Staining Apparatus

	Each		Each
N/-1640 Balsam Bottle, with cap and glass rod	.20		
N/-1642 Balsam Bottle, with ground cap and glass rod, 45 cc.	.25		
N/-1418 Bench, glass, with bent edges	.25		
N/-1654 Dropping Bottle, pipette stopper and rubber cap, 15 cc.	.15	30 cc.	.20
N/-674 Petri Dishes, in pairs, 5 cm.	.15	8 cm.	.20
N/-1454 Staining Dish (Embryo), polished	.15	10 cm.	.25
N/-1460 Staining Dish (Embryo), polished, with cover	.25		
N/-1466 Staining Dish (Embryo), alabaster glass	.25		
N/-1472 Staining Dish (Embryo), black glass	.25		
N/-1622 Staining Dish (Watch Glass), moulded	.36		
N/-1623 Staining Dish (Watch Glass), moulded, ground edge	.60		
N/-1624 Staining Dish (Watch Glass), polished	.90		
N/-1625 Staining Dish (Watch Glass), polished, ground edge	1.20		

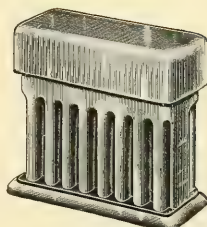




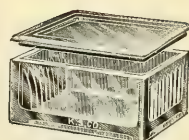
N/-1636



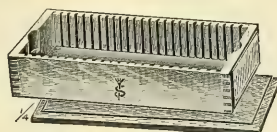
N/-1280



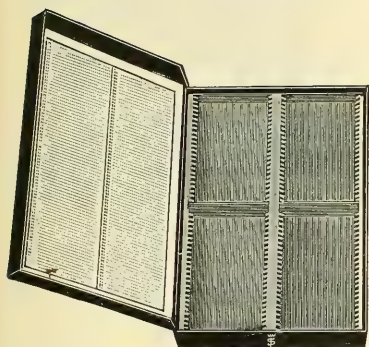
N/-1634



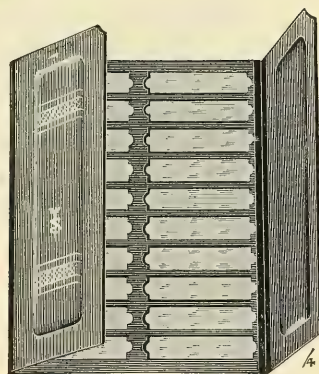
N/-1637



NS/-4247



NS/-4241



NS/-4235

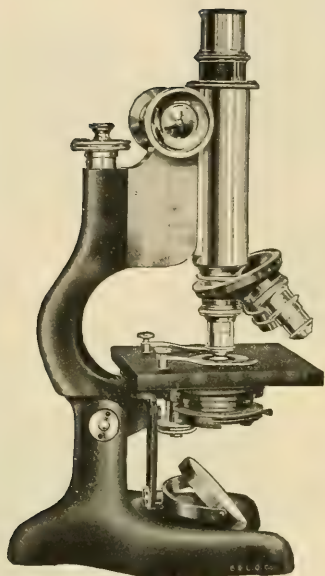
## Staining Apparatus

(Continued)

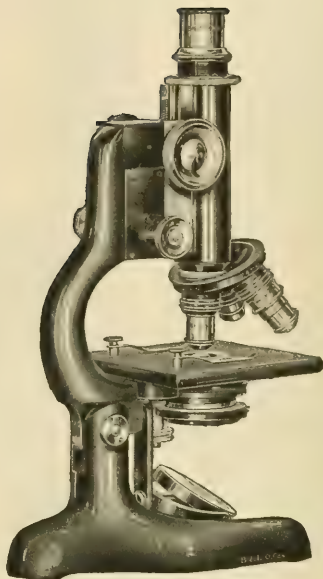
	Each
N/-1636 Coplin Staining Jar, with cover.....	\$ .25
N/-1280 Harvard Staining Jar, with ground in stopper.....	.30
N/-1634 Hellendahl's Staining Jar, with cover.....	1.00
N/-1637 Square Staining Jar, with cover, for 10 slides.....	.25

## Slide Boxes and Containers

NS/-4235 Slide Map, pasteboard, for 20 slides.....	.25
NS/-4241 Slide Box, pasteboard, for 100 slides.....	.75
NS/-4247 Slide Box, wood, with cover, for 25 slides.....	.08



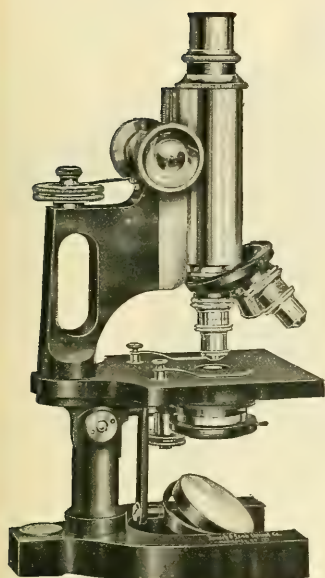
T/-27



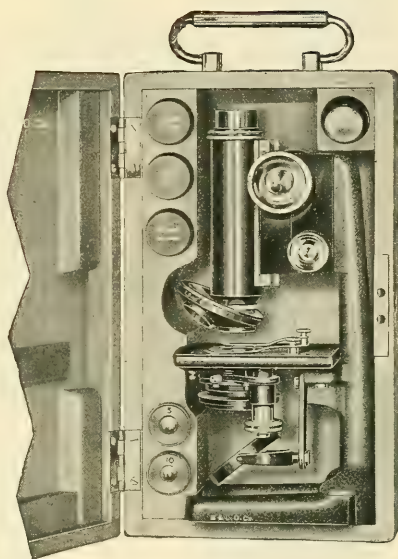
T/-47

### Microscopes

- |       |  |                 |
|-------|--|-----------------|
|       |  | Each            |
| T/-27 | <b>Bausch &amp; Lomb</b> Microscope F F S, equipped with 16 and 4 mm. dry and 1.9 mm. oil immersion objectives on dust-proof nosepiece; 5 x and 10 x eye pieces; Abbe condenser, 1.20 N.A. with two iris diaphragms, the upper one with locking device which prevents damage to either condenser or iris. Fine adjustment of lever type, ceasing to operate when objective touches slide. Net. . . . . | <b>\$ 65.00</b> |
| T/-47 | <b>Bausch &amp; Lomb</b> Microscope F F S S, same optical equipment as F F S. Side fine adjustment of lever type with micrometer heads on both sides of arm. Body tube moved in same direction by corresponding turns of coarse or fine adjustment heads. Fine adjustment ceases to operate when objective touches slide, having positive stops for upper and lower limits. Net. . . . .               | <b>67.50</b>    |



T/-57

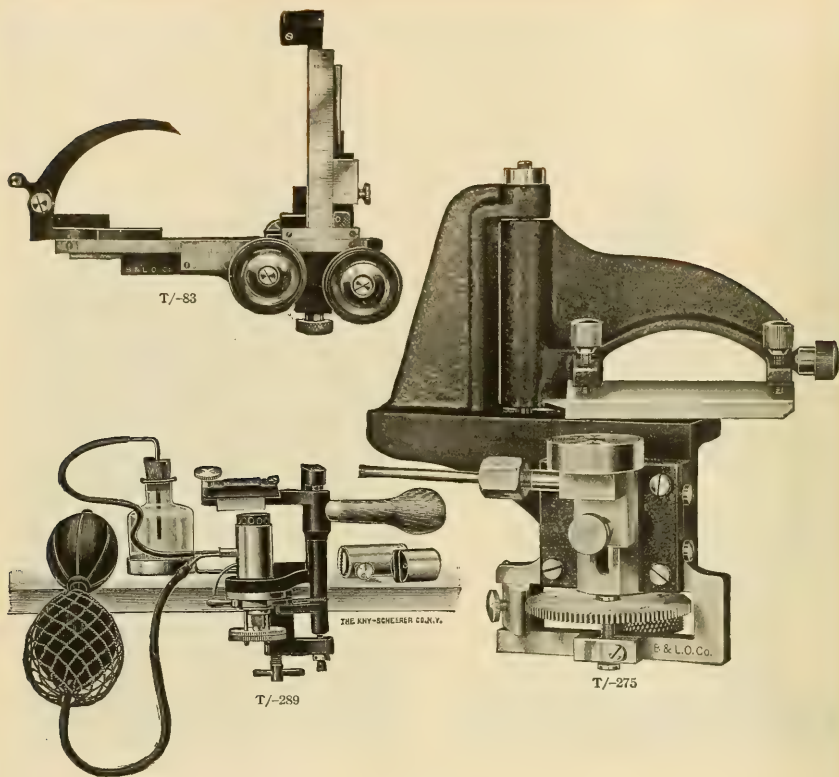


T/-65

## Microscopes

(Continued)

- |  |          |
|--|----------|
|  | Each     |
| T/-57 <b>Bausch &amp; Lomb</b> Microscope B B H 8, same optical equipment as F F 8. Stage completely covered with vulcanized rubber except at point of attachment. Measures 120 x 107 mm. ( $4\frac{3}{4}$ x $4\frac{1}{4}$ inches), with distance of 70 mm. ( $2\frac{3}{4}$ inches) from center to arm. Fine adjustment head is graduated and has hinged indicator. Net..... | \$ 80.00 |
| T/-65 <b>Bausch &amp; Lomb</b> Portable Microscope A P S 8, same optical equipment as F F 8 and side adjustment as on F F S 8. Folding base the only collapsible feature. Size of case $11\frac{1}{2}$ x $6\frac{3}{8}$ x $4\frac{1}{2}$ inches. Weight in case $9\frac{1}{2}$ pounds. Net.....  | 72.50    |

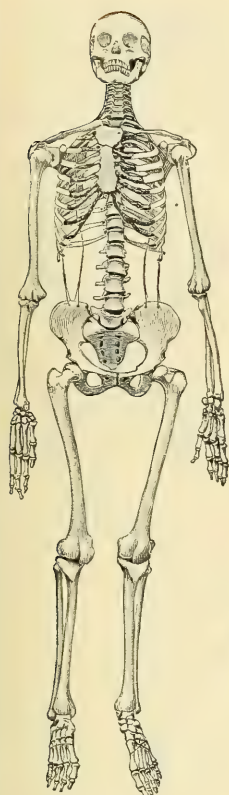


## Microscopes

(Continued)

- |  | Each     |
|--|----------|
| T/- 83 <b>Bausch &amp; Lomb</b> Mechanical Stage, attaches to any rectangular stage. Provides for methodical examination and is a necessity in manipulating the slide under an oil immersion lens. Scales graduated in single millimeters with verniers reading to tenths for recording special fields. Pinion heads close together in fixed relative position. Any slide up to 95 mm. in length can be used. Net..... | \$ 16.00 |
| T/-275 <b>Bausch &amp; Lomb</b> Clinical Microtome, for frozen and paraffin sections. The knife, carried in the pivoted hinge is swung over the object, cutting sections of 5 to 25 microns. The object is fed by rotating the toothed wheel.  |          |
| With regular object clamp. Net.....  | 17.50    |
| With freezing attachment and regulating valve in place of regular object clamp. Net.....   | 22.00    |
| Microtome Knife, 90 mm., for above. Net.....   | 3.50     |
| T/-289 <b>Jung's</b> Freezing and Paraffin Microtome, with automatic feed attachment. Adjustable to any desired thickness from 5 microns up. Knife held by clamp and moved by means of strong arm and lever. Very simple in construction and accurate of work. Complete outfit with knife, cylinder for paraffin, rubber bulbs, etc., in wood case. Net.....   | 17.50    |





A/-2768-60



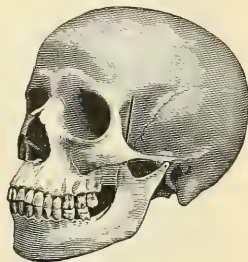
A/-2822



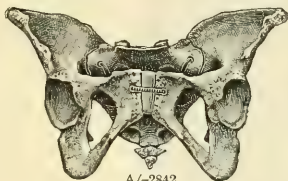
A/-2826



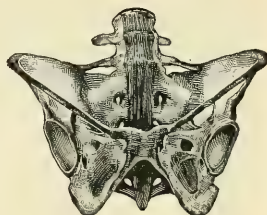
A/-2834



A/-2790



A/-2842



A/-2846

## Osteological Preparations

	Each
*A/-2750 Skeleton, disarticulated . . . . .	\$ 30.00
*A/-2754 Skeleton, disarticulated, in fine polished oak chest, with chart giving names of all bones on human skeleton . . . . .	40.00
*A/-2758 Skeleton, articulated, choice quality . . . . .	35.00
*A/-2760 Skeleton, articulated, choice quality . . . . .	37.50
*A/-2763 Skeleton, spiral articulation . . . . .	40.00
*A/-2768 Skeleton, Columbia mounting . . . . .	45.00
*A/-2770 Skeleton, Columbia mounting, choice quality . . . . .	50.00
*A/-2778 Fetal Skeleton, Columbia mounting (standard), on stand . . . . .	10.00
*A/-2780 Fetal Skeleton, Columbia mounting (standard), on stand, choice quality . . . . .	15.00
*A/-2790 Skull, plain . . . . .	12.00
*A/-2794 Skull, with horizontal section . . . . .	12.00
*A/-2798 Skull, with horizontal and vertical section . . . . .	13.50
*A/-2802 Skull, 5 sections, showing sinuses, antrum, cranial cavity and nasal fossae . . . . .	20.00
*A/-2805 Skull, 7 sections, showing sinuses, antrum, cranial cavity and nasal fossae. The temporal bones can be removed and are dissected to disclose the structure of the inner ear . . . . .	25.00
*A/-2810 Skull, disarticulated, in box with compartment tray, choice quality . . . . .	15.00
*A/-2812 Skull, disarticulated, in box with compartment tray, choice quality . . . . .	17.50
*A/-2817 Skull, disarticulated, mounted according to Beauchêne's method, all bones being united with polished metal strips. The bones may be disconnected and can be studied separately. Mounted on stand with glass cover . . . . .	50.00
A/-2822 Fetal Skull, of various ages . . . . .	3.50
A/-2826 Spinal Column, plain, mounted on catgut . . . . .	7.50
A/-2828 Spinal Column, with pelvis . . . . .	12.00
A/-2834 Temporal Bone, plain . . . . .	3.00
*A/-2837 Temporal Bone, dissected, on stand . . . . .	7.50
A/-2842 Pelvis, female, without ligaments . . . . .	8.00
A/-2846 Pelvis, female, with artificial ligaments . . . . .	12.00



A 2852



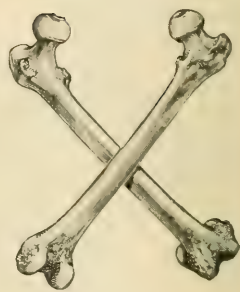
A 2855



A/-2860



A/-2864



A/-2870



S/-973

## Osteological Preparations

(Continued)

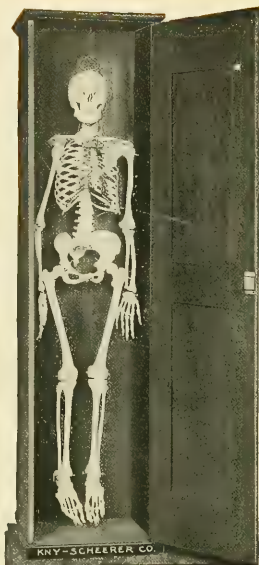
	Each
A/-2852 Arm and Hand, articulated (scapula, humerus, radius, ulna, carpus, metacarpus and phalanges).....	\$ 5.00
A/-2855 Hand, articulated.....	3.00
A/-2860 Leg and Foot, articulated (femur, tibia, fibula, tar- sus, metatarsus and phal- anges).....	5.00
A/-2864 Foot, articulated.....	3.00
A/-2870 Cross Bones (femur), in pairs	3.00
S/- 973 Sections of different bones, mounted in case.....	12.00



A/-2900

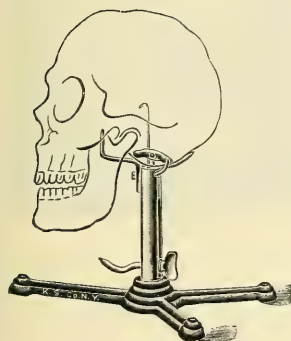


S/-115



S/-91-3

### Skeleton Stands and Chests



S/-104

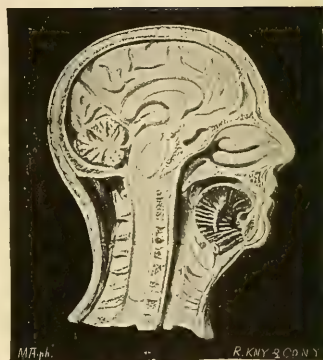
- |   | Each    |
|---|---------|
| A/-2900 Plain Skeleton Stand, on tripod, aluminum bronzed, adjustable in height .....   | \$ 7.50 |
| S/- 91 Plain Skeleton Cabinet, white wood stained, substantially made, with suspension hook and door with lock and key .....                          | 17.50   |
| S/- 93 Plain Skeleton Cabinet, extra large, panelled oak, polished and varnished, with suspension hook, door with key .....                           | 27.50   |
| *S/- 97 Polished Oak Skeleton Chest, with brass handles and compartments, for disarticulated skeleton .....   | 10.00   |
| S/-104 Plain Metal Support, adjustable, for holding skulls, with set screw .....  | 2.50    |
| S/-115 Clutch Skeleton Stand, nickel-plated rod with two sliding clamps, with screws to support skeleton by anterior dorsal vertebræ and sacrum ..... | 12.00   |



NS/-2023



NS/-2071



NS/-2081

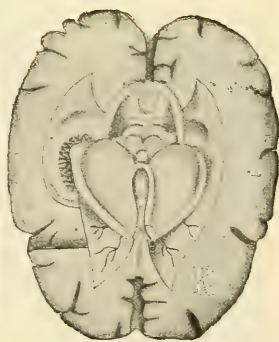
### Papier Maché Models

- |  | Each      |
|--|-----------|
| NS/-2023 Model of a complete male body, height 87 cm., pedestal 10 cm. Thoracic and abdominal walls removable, all the viscera may be taken out; stomach, lungs and heart dissectible. The muscles of arm and leg are represented in three layers, the first and second being removable..... | \$ 105.00 |
| NS/-2071 Half of head, on board, showing the superficial muscles, arteries, veins, nerves and glands down to clavicle.....   | 9.00      |
| NS/-2081 Head, natural size, vertical section, showing the bones of the skull, fossæ, cerebrum, cerebellum and medulla oblongata, nasal fossa, buccal cavity, pharynx, œsophagus, etc.....   | 7.50      |





NS/-2119



NS/-2131



NS/-2193

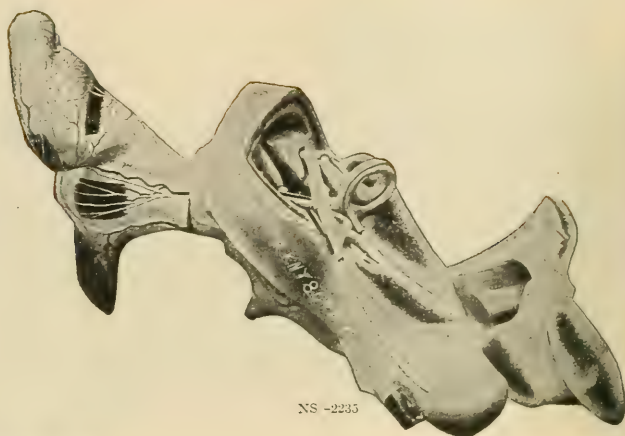
### Papier Maché Models

(Continued)

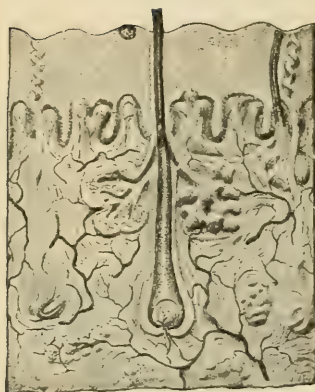
		Each
NS/-2119	Brain, natural size, wholly dismountable, well adapted for teaching purposes .....	\$ 40.00
NS/-2131	Brain, double size, best execution, vertical and longitudinal section, with open ventricles. . .	13.50
NS/-2193	Eye, 3 times enlarged, with attachment of the muscles; divisible into cornea, choroid, vitreous body and crystalline lens. ....	5.00



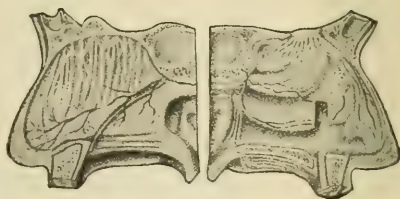
NS/-2237



NS/-2235



NS/-2287

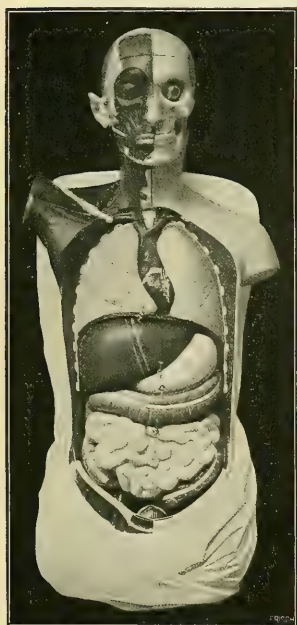


NS/-2271

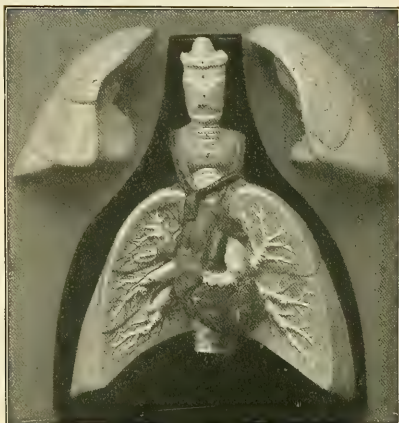
### Papier Maché Models

(Continued)

	Each
NS/-2235 Ear, 4 times enlarged, with pinna and its muscles, blood vessels and nerves. The interior structures removable and dismountable.....	\$ 21.00
NS/-2257 Tongue and larynx, divisible into 5 parts.....	9.00
NS/-2271 Nose, considerably enlarged, represented in two halves. The one part represents the septum of the nose, the other the external wall, turbinated bones, etc. All the arteries, nerves and veins are visible.....	19.00
NS/-2287 Skin, vertical section, 200 times enlarged, showing the 3 principal layers, sebaceous and sweat glands, hair roots, muscles, arteries and veins.....	5.50



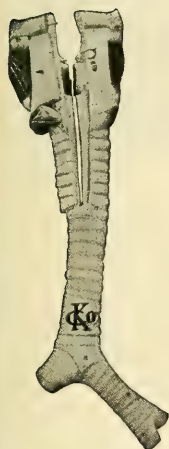
NS/-2311



NS/-2389

### Papier Maché Models

(Continued)

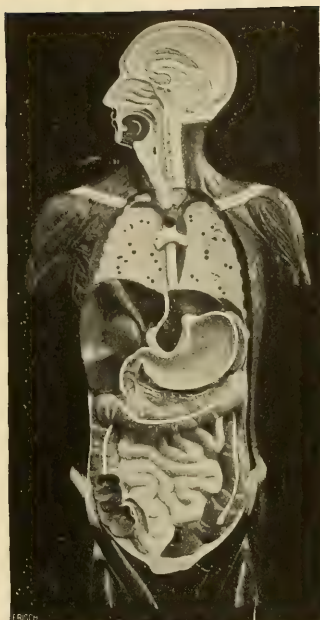


NS/-2346

	Each
NS/-2311 Trunk, natural size, with head; the brain divisible into 8 parts, the lungs into 2 parts; the larynx is dismountable and divisible into 2 parts; with thoracic and abdominal wall removable. ....	\$ 85.00
NS/-2346 Larynx, with its muscles, cartilages and arteries, muscles removable; section of larynx twice natural size, very instructive model. ....	10.00
NS/-2389 Lungs and heart, natural size, both dismountable. ....	14.00



NS/-2443



NS/-2480



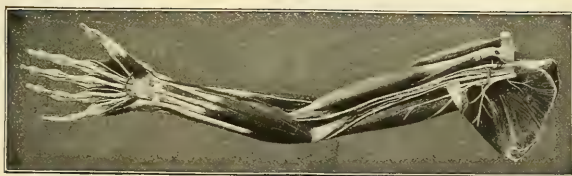
NS/-2422

### Papier Maché Models

(Continued)

	Each
NS/-2422 Model of heart, very fine preparation; ventricles and auricles to be opened, dissectible, new.....	\$ 30.00
NS/-2443 Schematized representation of vascular system.....	12.50
NS/-2480 Digestive organs inclusive median section of head, colon transversum is detachable to show pancreas. Coecum is open.....	17.50





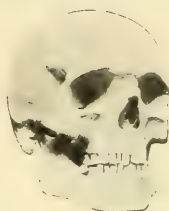
NS/-2555



NS/-2588



NS/-2573



NS/-2643



NS/-2663

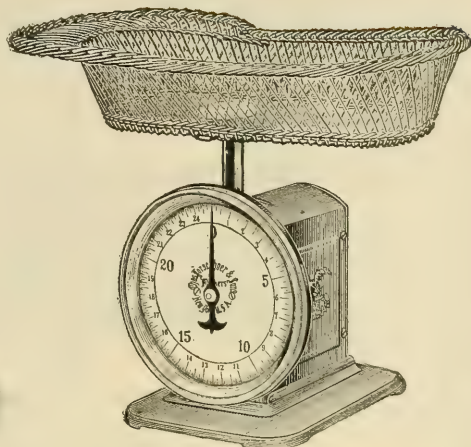
### Papier Maché Models

(Continued)

	Each
NS/-2555 Arm with shoulder, muscles detachable. This model shows also arteries and nerves.....	\$ 82.50
NS/-2573 Bones of hand, with ligaments (on board) .....	2.50
NS/-2588 Leg with half pelvis, showing all muscles, arteries and nerves. Detachable into minute details.	110.00
NS/-2643 Skull.....	10.00
NS/-2663 Foot, mounted on board.....	4.50



A/-3000



A/-3006-12



A/-3018

### Weight

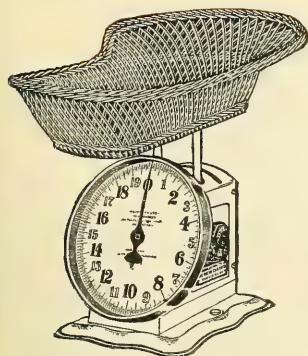
A/-3000 Scale, white enamel finish, brass parts nickel-plated, capacity 250 pounds, upper bar 25 pounds, graduated in  $\frac{1}{4}$  pounds; lower bar 225 pounds, graduated in 25 pounds; platform  $10\frac{1}{2} \times 14\frac{1}{2}$  inches.

With measuring rod.....	Each	\$ 22.00
Without measuring rod.....		17.00
Rubber Mat, additional.....		1.50
Beam is graduated with entire capacity and no loose weights are required.		

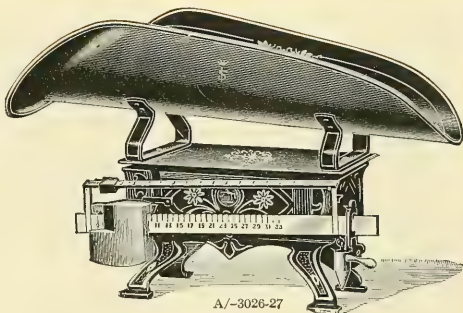
A/-3006 Scale, capacity 25 pounds, graduated in ounces, enameled case..... 8.00  
Illustration shows scale with wicker basket for weighing children.

A/-3012 Scale, same, with steel porcelain tray  $8\frac{1}{2} \times 14\frac{1}{2}$  inches, 2 inches deep..... 10.00  
For weighing tumors, specimens, etc.

A/-3018 **George's** Spring Scale, pocket style, capacity 15 pounds..... .50



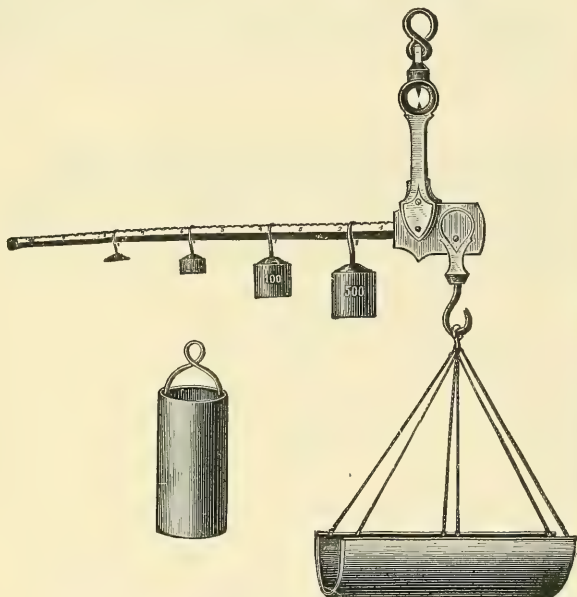
A/-3024



A/-3026-27



A/-3036

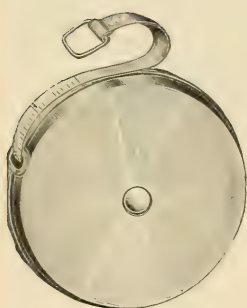


A/-3042-50

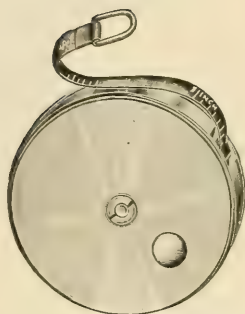
## Weight

(Continued)

	Each		Each
A/-3024 Nursery Scale, capacity 20 pounds, graduated in ounces, with willow basket, on platform 6 inches square.....	\$ 8.00	A/-3027 Physicians' Scale, with sliding balance, capacity 15 kilos, with roll rim metal pan .....	\$ 18.00
A/-3026 Physicians' Scale, with sliding balance, capacity 33 pounds, with roll rim metal pan.....	18.00	A/-3036 Spring Scale, capacity 10 kilos.....	2.00
		A/-3042 Balance, with polished brass beam and 4 weights, capacity 5 kilos.....	15.00
		A/-3050 Balance, same, capacity 10 kilos.....	18.00



A/-3054-60



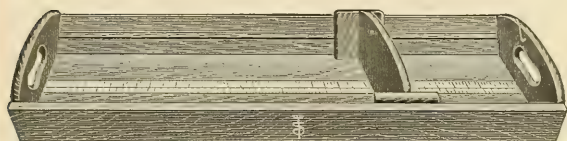
A/-3066-72



A/-3078-90



A/-3096

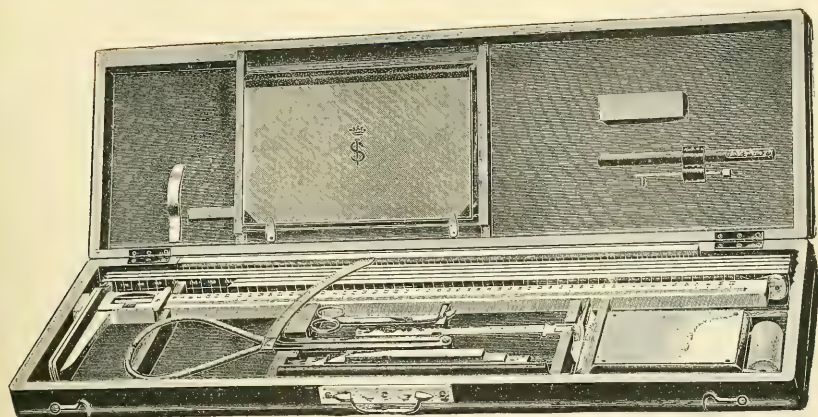


A/-3101

## Mensuration

	Each
A/-3054 Tape Measure, linen, graduated in centimeters and inches, 72 inches and 2 meters. . . . .	\$ .50
A/-3060 Tape Measure, same, 39 inches and 1 meter. . . . .	.35
A/-3066 Tape Measure, steel, graduated in centimeters and inches, 72 inches and 2 meters. . . . .	1.00
A/-3072 Tape Measure, same, 39 inches and 1 meter. . . . .	.80
A/-3078 Rule, boxwood, 1 meter. . . . .	.50
A/-3084 Rule, steel, 1 meter. . . . .	.75
A/-3090 Rule, brass, 1 meter. . . . .	.60
A/-3096 Measuring Rod, brass, polished and nickel-plated, measures from 52 to 76 inches. . . . .	3.50
Can be attached to wall, window or door frame.	
A/-3101 Moffett's Measuring Trough, for infants, polished hardwood, graduated in inches and centimeters. . . . .	10.50

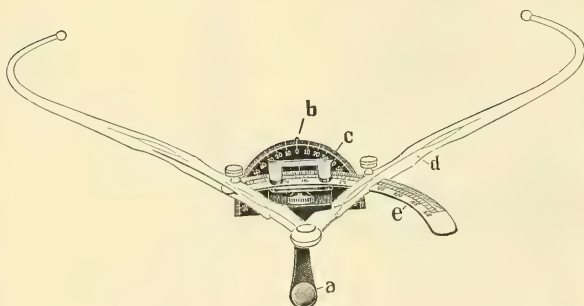




A/-3112



A/-3106



A/-3118

## Mensuration

(Continued)

- |         |   |                  |
|---------|---|------------------|
| A/-3106 | Stadiometer or Height Stand, made of wood, with platform and sliding arm, graduated in centimeters..... | Each<br>\$ 20.00 |
| A/-3112 | Bertillon's Complete Set for anthropometric identification, in fine wooden case.....                    | 42.50            |

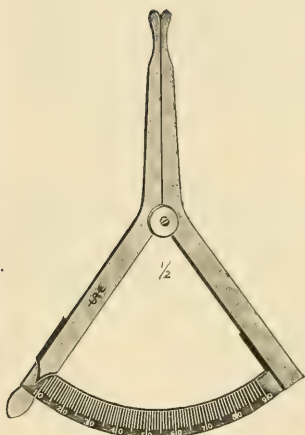
### Contents

- |   |  |   |
|---|--|---|
| 1 Rule, folding, 2 m. long, graduated from 1 to 200 cm.   | 1 Caliper, large, foot and arm measurements. |   |
| 1 Rule, folding, 1 m. long, graduated from 100 to 200 cm. | 1 Small Pointed Rod for the ear              |   |
| 1 Rule, 50 cm. long, grad. from 70 to 120 cm.             | 1 Nail Scissors, curved                      |   |
| 1 Rule, 20 cm. long, grad. from 1 to 20 cm.               | 1 Wedge for proving the calipers             |   |
| 1 Caliper Compass, for head measurements                  | 1 Metal Plate                                | } For taking impressions of the fingers and the hand. |
| 1 Caliper, small, for ear measurements                    | 1 Ink Roller                                 |   |
|   | 1 Tube with black ink                        |   |
|   | 1 Dermatographic Pencil                      |   |

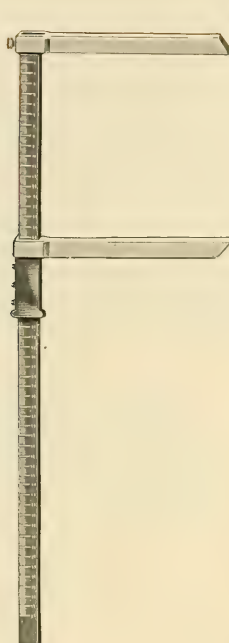
- |         |                             |       |
|---------|-----------------------------|-------|
| A/-3118 | Huebscher's Protractor..... | 20.00 |
|---------|-----------------------------|-------|

Attached to Martin's Pelvimeter this instrument determines the exact angle of deformity in torticollis, shortening of leg or spinal curvature. Price is without Pelvimeter.

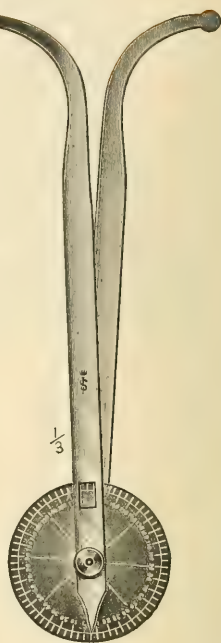
- |                        |      |
|------------------------|------|
| Pelvimeter, extra..... | 5.00 |
|------------------------|------|



A/-3124



A/-3130



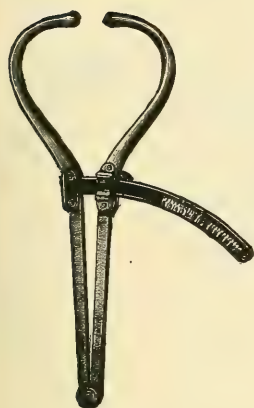
A/-3136

### Mensuration

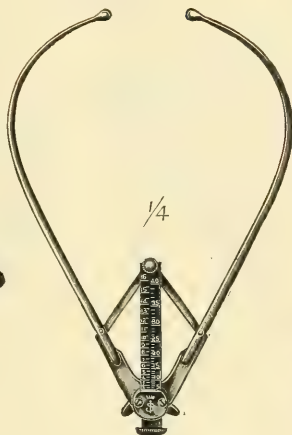
(Continued)

	Each
A/-3124 Caliper Compass, graduated from 10 to 90 mm.....	\$ 5.00
A/-3130 Anthropometric Caliper, with sliding arm, jointed scale, 60 cm. long, sliding arms made of aluminum.....	20.00
A/-3136 <b>Thoele's</b> , Goniometer, for measuring angles and diameters.....	5.50

Useful for arthritic, pelvic and general measurements.



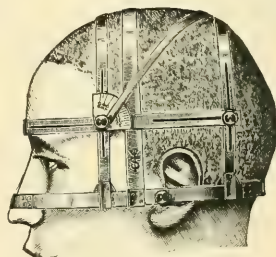
A/-3142



A/-3148



C/-3154



A/-3160

## Mensuration

(Continued)

Each

A/-3140 Universal Caliper, 5 inches (12 cm.) long, for inside and outside measurements, nickel-plated, graduated in inches and millimeters..... \$ 3.00

A/-3142 Bertillon's Cephalometer. 6.50

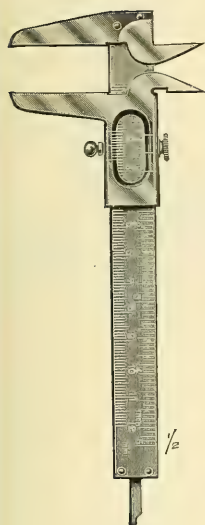
A/-3148 Collyer's Cephalometer, graduated in centimeters and inches, steel..... 2.75

Can also be used as Pelvi-meter.

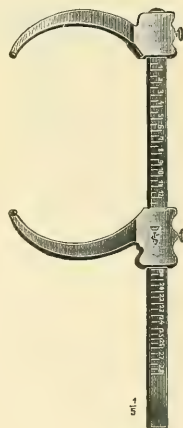
A/-3154 Koehler's Cephalometer.. 7.50

A/-3160 Kroenlein's Cephalometer. 10.00

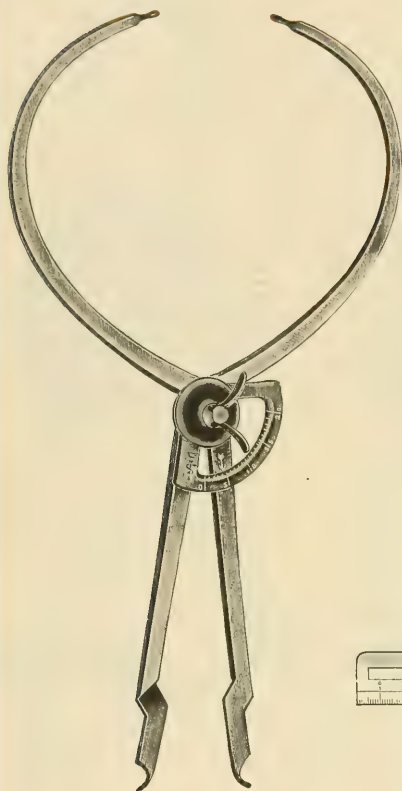
A/-3167 Peterson's Cephalometer.. 15.00



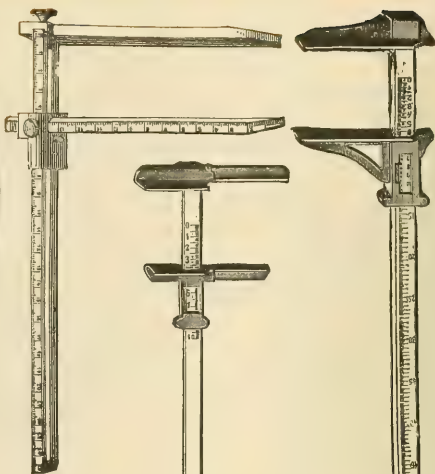
A/-3140



A/-3167



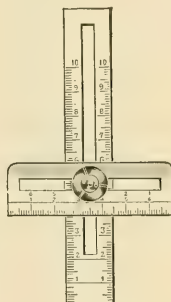
A/-3172-77



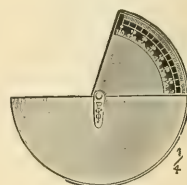
A/ 3184

A/-3190

A/-3196



A/-3210



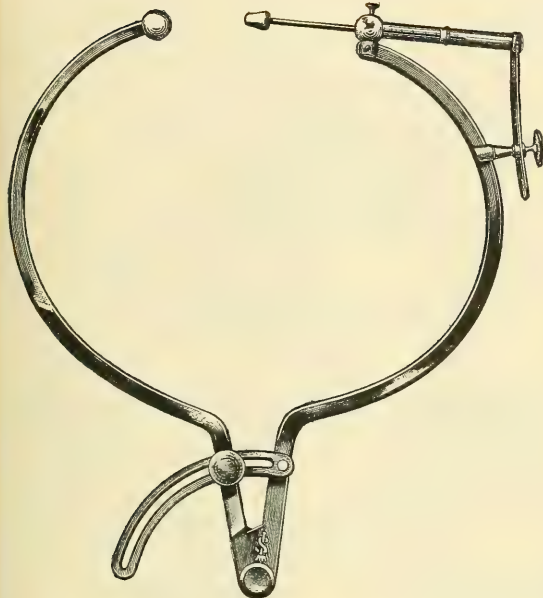
A/-3204

## Mensuration

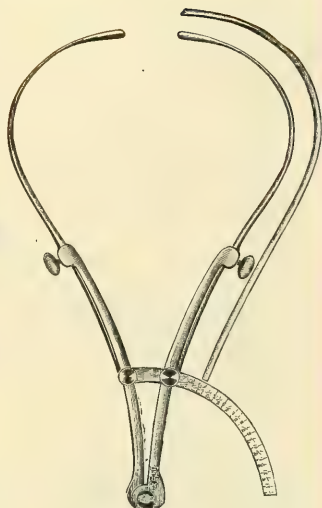
(Continued)

	Each
A/-3172 <b>Virchow's</b> Cephalometer, for children.....	\$ 4.50
A/-3177 <b>Virchow's</b> Cephalometer, for adults.....	5.50
A/-3184 <b>Virchow's</b> Craniometer, in case.....	15.00
A/-3190 <b>Bertillon's</b> Caliper, for measuring ears.....	6.50
A/-3196 <b>Bertillon's</b> Caliper, for measuring foot, finger and forearm.....	13.50
A/-3204 <b>Miller's</b> Dactylometer.....	2.00
For determination of extension of injured finger joints.	
A/-3210 <b>Huebscher's</b> Malleolar Measure.....	10.00
Measures vertical distance of the malleolus from the ground.	





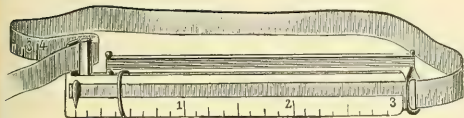
A/-3216



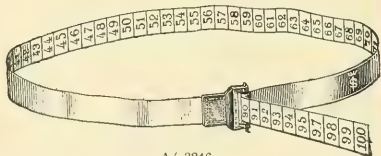
A/-3222



A/-3228



A/-3240



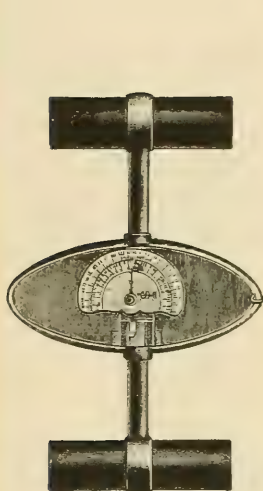
A/-3246

## Mensuration

(Continued)

### Circumference of Chest

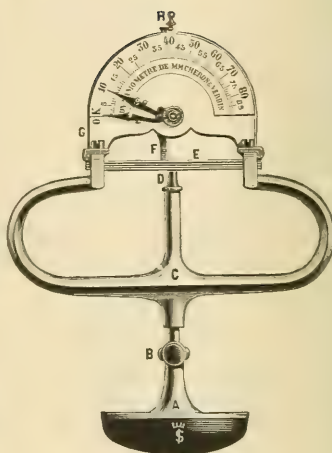
	Each
A/-3216 Demeny's Cyrtometer.....	\$ 30.00
A/-3222 Flint's Cyrtometer.....	13.50
A/-3228 Horsley's Cyrtometer, pliable steel.....	1.75
*A/-3234 Knopf's Cyrtometer, lead tape, soft rubber covered.....	1.75
A/-3240 Carroll's Stethometer, measuring expansion of chest.....	3.50
A/-3246 Foy's Stethometer, thoracic amplimeter.....	2.50



A/-3250



A/-3256



A/-3261

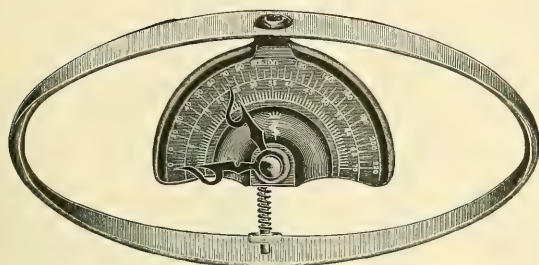
## Mensuration

(Continued)

## Dynamometers

For taking comparative measurements of muscles.

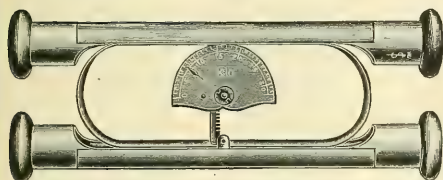
	Each
A/-3250 Andrew's, for pressure.....	\$ 20.00
A/-3256 Andrew's, for traction.....	20.00
A/-3261 Chéron's, for pressure and traction, can be arranged to suit a small or large hand.....	40.00



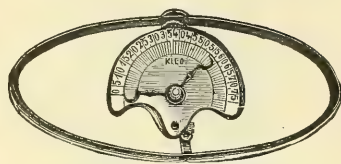
A/-3266



A/-3278



A/-3284



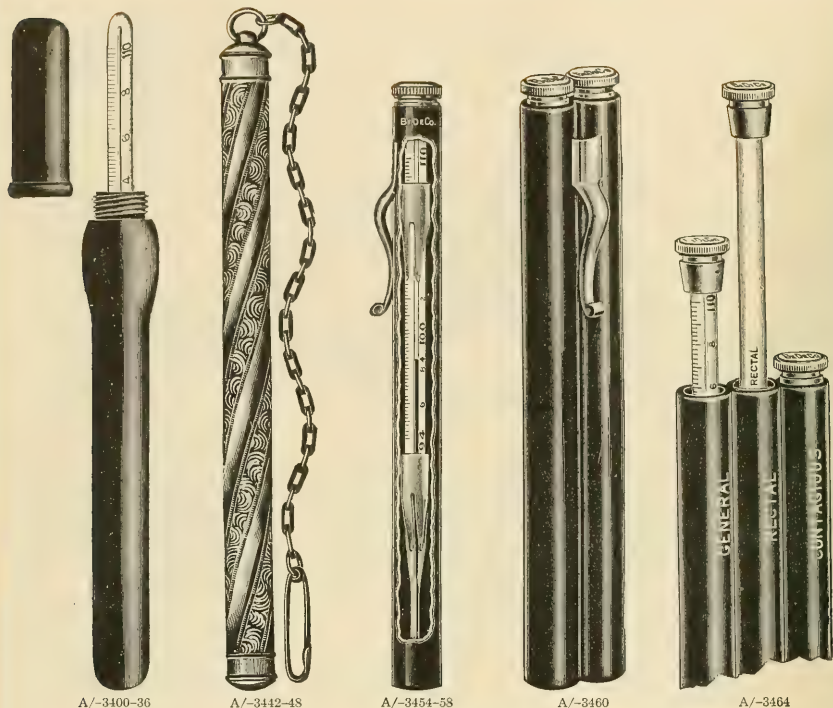
A/-3272

## Mensuration, Dynamometers

(Continued)

	Each
A/-3266 <b>Collin's</b> Double Scale, for pressure and traction.....	\$ 6.50
A/-3272 <b>Collin's</b> Single Scale, for pressure.....	6.50
A/-3278 <b>Field's</b> , for measuring muscular tension.....	12.00
In atrophy of limbs from paralysis and traumatic injury this instrument determines the extent or degree of softening by measured resistance to pressure. It is applicable in diagnosis and prognosis and in normal athletic development.	
A/-3284 <b>Sternberg's</b> , for pressure.....	10.00
*A/-3290 <b>Weiler's</b> , dynamic recording apparatus.....	40.00

Registers manual pressure automatically up to 280 kilos and permits recording of 100 successive tests.



A/-3400-36

A/-3442-48

A/-3454-58

A/-3460

A/-3464

### Determination of Temperature Clinical Thermometers with Indelible Index

	Each
A/-3400 Prismatic, 2 minutes, with Fahrenheit scale.....	\$ .60
A/-3406 Prismatic, 2 minutes, with Centigrade scale.....	.60
A/-3412 Prismatic, 1 minute, with Fahrenheit and Centigrade scales.....	1.00
A/-3418 Prismatic, 1 minute, Fahrenheit scale.....	.75
A/-3424 Prismatic, 1 minute, Centigrade scale.....	.75
A/-3430 Prismatic, ½ minute, Fahrenheit scale.....	1.00
A/-3436 Prismatic, ½ minute, Centigrade scale.....	1.00

All these are supplied in hard rubber cases, with certificates.

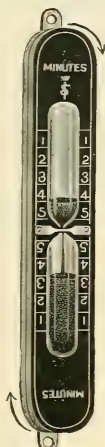
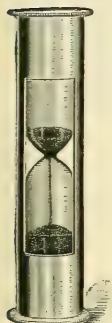
A/-3442 Silver-plated Case, with chain and safety pin.....	.75
A/-3448 Sterling Silver Case, with chain and safety pin.....	1.75
A/-3454 Prismatic, 1½ minutes, red bulb (rectal).....	1.00
A/-3455 Prismatic, 1½ minutes, yellow bulb (contagious).....	1.00
A/-3456 Prismatic, 1 minute, general.....	1.25
A/-3458 Prismatic, ½ minute, general.....	1.50

Supplied in metal, vulcanite-covered cases with spring clasp.

A/-3460 Set of two, 1 minute, general and rectal.....	2.25
A/-3464 Set of three, general, rectal and contagious.....	3.25

In metal cases, with separate, non-communicating compartments.





## SIMPLEX BEDSIDE REPORT

Name \_\_\_\_\_ Age \_\_\_\_\_ Sex \_\_\_\_\_ Treatment Room \_\_\_\_\_ 19 \_\_\_\_\_

Address \_\_\_\_\_ Day(s) \_\_\_\_\_<sup>a</sup> Terminated \_\_\_\_\_ 19\_\_\_\_

Copyright, 1924, by Dr. G. Victor Lomasky, New York

[illegible]

### Determination of Temperature Clinical Thermometers

## Clinical Thermometers

(Continued)

A/-3468	"Saranac," prismatic, 2 minutes.	Each	\$ 1.00
A/-3470	"Saranac," prismatic, 1 minute.	Each	1.25
	Scale has a range of only 12 degrees from 94 to 106. Designed for tuberculosis work. In cases, with certificate.		
A/-3472	<b>Immisch's</b> , avitreous Fahrenheit scale, in silver case.	Each	7.50
A/-3474	<b>Immisch's</b> , avitreous Centigrade scale, in silver case.	Each	7.50

Scale has a range of only 12 degrees from 94 to 106. Designed for tuberculosis work. In cases, with certificate.

A/-3472	Immisch's, avitreous Fahrenheit scale, in silver case.....	7.50
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A/-3474	Immisch's, avitreous Centigrade scale, in silver case.....	7.50
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## Bedside Reports and Sand Glasses

A/-3478	Simplex Bedside Reports, 50 charts in book form, size 9¼ x 11¾, per book . . . . .	.50
	Sample will be sent on application.	
A/-3484	Sand Glass, graduated for minute intervals. To be fastened to the wall, glass reversible.	
	1 minute size . . . . .	.40
	2 minute size . . . . .	.45
	3 minute size . . . . .	.50
	5 minute size . . . . .	.60
	10 minute size . . . . .	1.00
	15 minute size . . . . .	1.35
A/-3490	Sand Glass, to stand upon table, in nickeled casing.	
	1, 2 or 3 minute size . . . . .	.40
	5 minute size . . . . .	.60
	Special circular will be sent upon application.	

Sample will be sent on application.

A/-3484 Sand Glass, graduated for minute intervals. To be fastened to the wall, glass reversible.

1 minute size.....	.40
--------------------	-----

2 minute size.....**.45**

3 minute size . . . . .	.50
-------------------------	-----

5 minute size . . . . .	.60
10 " " " " " "	1.00

10 minute size.....	1.00
15 minute size.....	1.35

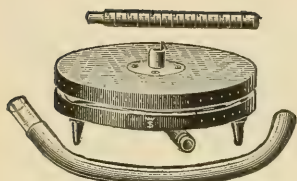
15 minute size . . . . .	1.33
--------------------------	------

A/-3490 Sand Glass, to stand upon table, in nicked casing.

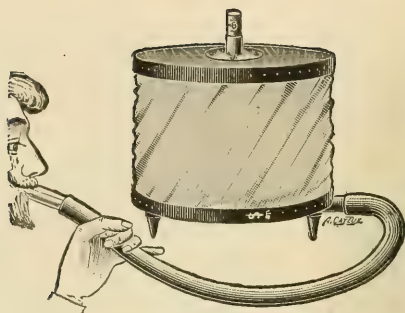
1, 2 or 3 minute size . . . . .	.40
---------------------------------	-----

5 minute size.....	.60
--------------------	-----

Special circular will be sent upon application.



A/-3601



A/-3601 inflated

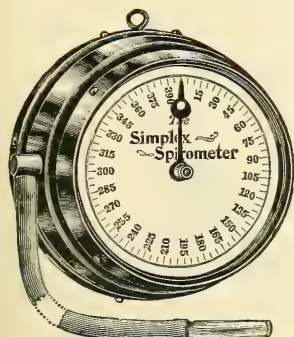


A/-3606

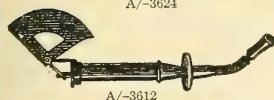
### Respiration, Spirometry and Pneumatometry

	Each
A/-3601 <b>Boulitte's, compact Spirometer</b> .....	\$ 25.00
Inflatable bag is made of specially prepared linen.	
A/-3603 Extra glass mouthpiece for same.....	.25
A/-3606 <b>Bloch's Pneumoscope, all metal, in case</b> .....	30.00

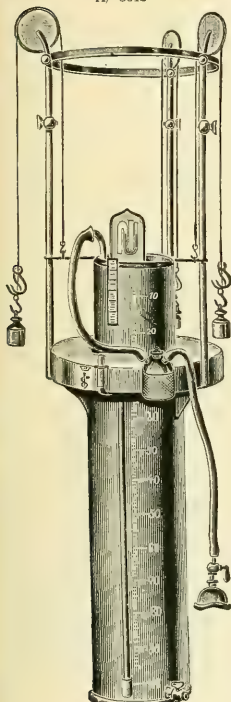
This instrument calculates the respiratory power without determining the respiratory pressure manometrically, but by estimating the minimum diameter of a breathing canula held in the mouth through which a sufficient quantity of air may be breathed. (Sahli, "Diagnostic Methods.")



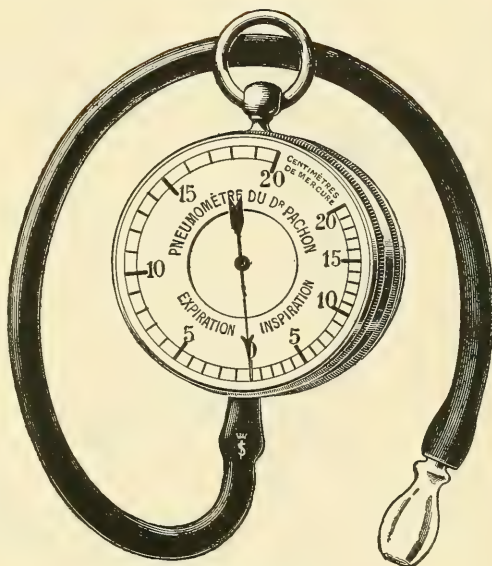
A/-3624



A/-3612



A/-3630

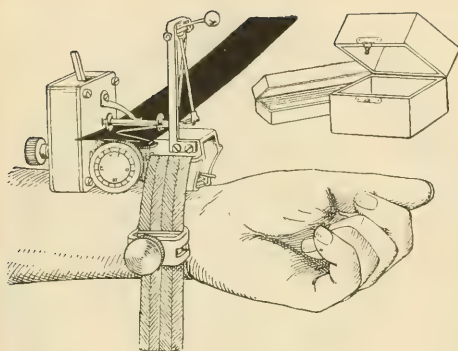


A/-3618

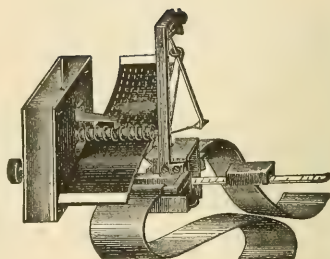
## Respiration, Spirometry and Pneumatometry

(Continued)

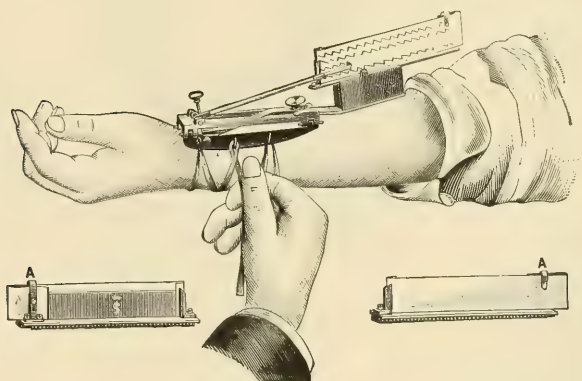
	Each
A/-3612 Mathieu's Pneumo-Dynamometer, with tubing and mouthpiece. . . . .	\$ 7.50
Measures maximal pressure of aspiration.	
A/-3618 Pachon's Pneumometer, in case. . . . .	30.00
A/-3624 Simplex Spirometer, nickel-plated case. . . . .	5.00
A/-3630 Waldenburg's Pneumatometer with 2 masks, Wouff bottle, weights and accessories . . . . .	75.00
Measures respiratory energy.	



A/-3700-04



A -3712



A/-3706

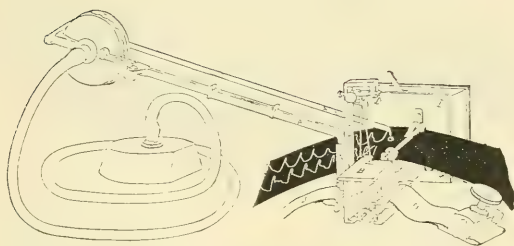
### Sphygmography

	Each
A/-3700 <b>Dudgeon's</b> Pocket Sphygmograph, in case, with metal frame holding 6 strips of glazed paper	\$ 21.00
Glazed Paper for same, per 100 strips	.25
A/-3704 <b>Dudgeon's</b> Sphygmograph, with two speeds, in case	40.00
A/-3706 <b>Marey's</b> Direct Sphygmograph, in case, with 100 strips of glazed paper	60.00
Glazed Paper for same, per 100 strips	.50
Can be used for tracings on smoked paper as well as for writing in ink.	
A/-3712 <b>Richardson's</b> Sphygmograph, in case	25.00
A modification of Dudgeon's. The pressure on the artery can be adjusted by a sliding weight.	
Glazed Paper for same, per 100 strips	.25





A/-3718



A/-3718 Attached to Sphygmograph

## Sphygmography

(Continued)

Each

- A/-3718 Mackenzie's Polygraph, modified by Deutsch, with metallic receptor and tubing..... \$ 20.00

This attachment can be used with either Dudgeon's or Jaquet's apparatus, being connected by means of a slot which is soldered on to sphygmograph. Permits of recording another pulsation in addition to the radial taken by the sphygmograph.

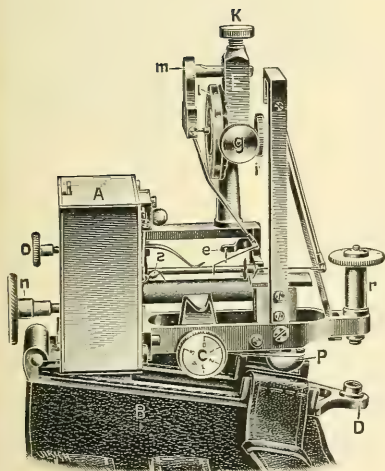
- A/-3724 Extra Receptor for same..... 2.00

- A/-3730 Jaquet's Sphygmo-Cardiograph, for two tracings, with cuff, metallic receptor and box of 100 glazed papers, in case..... 85.00

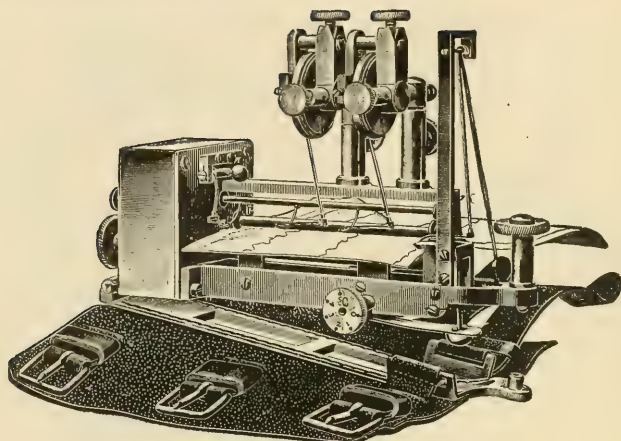
Registers 1-5 of a second on the paper. Suitable for radial and apex or for radial and jugular tracings.

- A/-3732 Extra Receptor for same..... 2.25

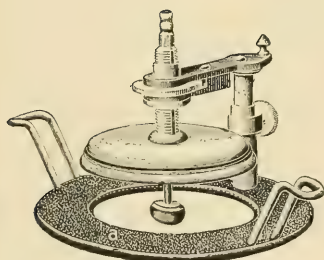
- A/-3734 Glazed Paper for same, box of 100 strips..... 1.00



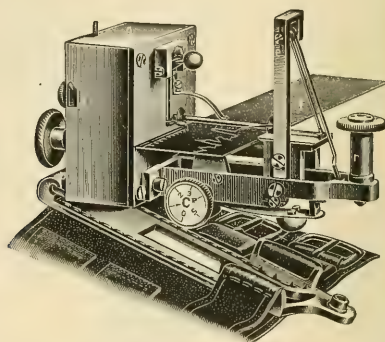
A/-3730



A/-3736



A/-3742

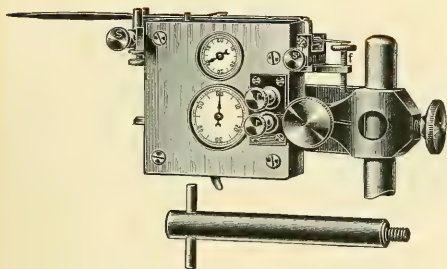


A/-3747

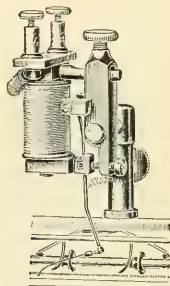
## Sphygmography

(Continued)

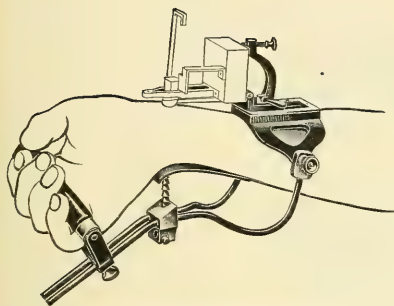
	Each
A/-3736 <b>Jaquet's Sphygmo-Cardiograph</b> , arranged for three tracings, with cardiograph, receptor for jugular pulse and box of 100 strips glazed paper. In two leather cases.....	<b>\$130.00</b>
Permits synchronous tracings of any two of the following pulsations, in addition to the radial; the jugular pulse, the respiration, the apex beat, a pulsating hydrothorax, an aneurism, right or left ventricle, pulsating liver, etc. Provided with two speeds, 1 cm. or 5 cm. per second and timer marking fifth of seconds on the paper.	
A/-3742 <b>Cardiograph attachment</b> for same, in leather case.....	<b>20.00</b>
May be used with A/-3730.	
Glazed Paper for same, 70 mm. wide, per box of 100 strips.....	<b>2.00</b>
A/-3747 <b>Jaquet's Sphygmo-Cardiograph</b> , for radial tracings only, in case with box of 100 papers.....	<b>65.00</b>
Arranged for two speeds, 1 cm. and 5 cm. per second, time being marked in 1-5 of a second.	
Glazed Paper for same, per box of 100 strips.....	<b>.60</b>



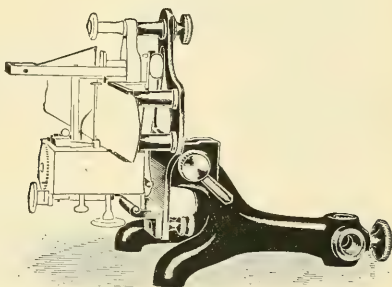
A/-3754



A/-3760



A/-3766, with Sphygmograph attached



A/-3772

### Sphygmography, Accessories

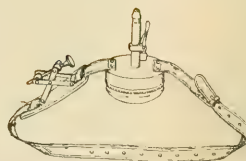
	Each
A/-3754 Jaquet's Graphic Chronometer, with 2 dials, showing minutes and seconds.....	\$ 50.00
Time is marked in intervals of 1-5 or full seconds. Supplied with contact permitting indirect registration when an electric signal is used. The device is the most accurate made for the purpose, the error being only from 0.0002 to 0.0006 of a second.	
A/-3760 Magnetic Time Marker for Jaquet's Sphygmo-Cardiograph A/-3736 .....	20.00
A/-3766 Arm Rest, suitable for A/-3730 and A/-3747 .....	14.25
Permits quick adjustment of these apparatus to the wrist.	
A/-3772 Stand for Jaquet's Sphygmo-Cardiograph.....	24.00
Permits use of the apparatus for a variety of clinical investigations, where it is not necessary to attach the instrument to the wrist. Illustration shows the same in the vertical position.	



A/-3778



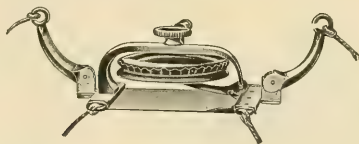
A/-3784



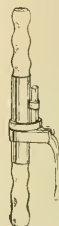
A/-3796



A/-3790



A/-3802



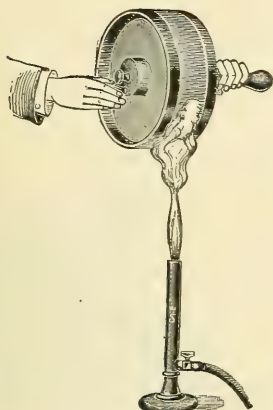
A/-3812

### Sphygmography, Accessories

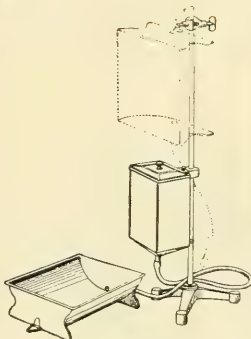
(Continued)

	Each
A/-3778 Receptor, for vein pulsation, glass, set of 4 sizes, 28, 30, 32, 36 mm. diameter.....	\$ 1.50
A/-3784 Receptor, for liver pulsation, metal.....	2.25
A/-3790 Receptor, for jugular or vein pulsation, metal, 3 sizes, 25, 30, 40 mm. diameter.....	2.25
A/-3796 Receptor, glycerine filled, for extremities, for superficially located or children's arteries, 3 sizes, 2, 3, 3½ cm. diameter.....	9.00
*A/-3798 Heavy Tubing for same, per foot.....	.25
A/-3802 <b>Marey's</b> Pneumograph, for taking respiratory movements.....	27.00
The apparatus is suspended from the neck and tied around the chest. Respiratory movements vibrate the membrane and are transmitted to a tambour which records the pneumogram.	
A/-3812 Valve for releasing pressure .....	1.50

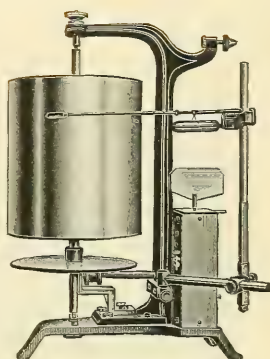




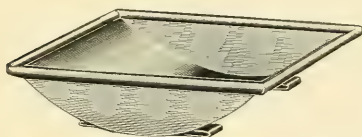
A/-3818



A/-3824



A/-3842



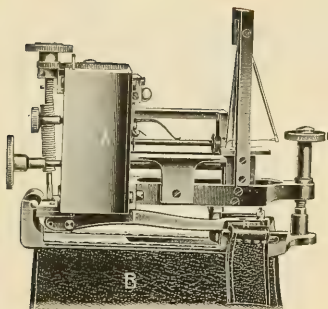
A/-3830

### Sphygmography, Accessories

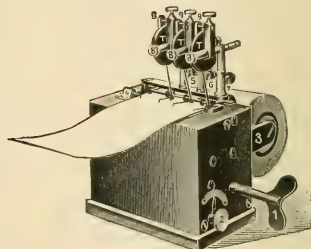
(Continued)

	Each
A/-3818 Apparatus for smoking paper, with burner and special tips for camphor.....	\$ 4.50
The paper is to be attached with thumb tacks.	
A/-3824 Stand, with receptacle for solution and bath for varnishing tracings, for paper up to 220 mm. wide	15.00
A/-3830 Solution Bath for varnishing tracings, extra.....	2.00
*A/-3836 Solution of Shellac and Alcohol, will dry rapidly..... quart bottle	1.00
A/-3842 Kymographion, with clockwork and friction disk, on stand.....	45.00
*A/-3848 Carrying Case with 2 trays for same.....	12.50

The Kymographion can be placed in horizontal or vertical position. Speed may be regulated from 4 to 40 millimeters per second. Drum is detachable and paper may be readily placed on it and smoked with the apparatus in the horizontal position. Used for sphygmometric, respiratory and any graphic examinations.



A/-3854

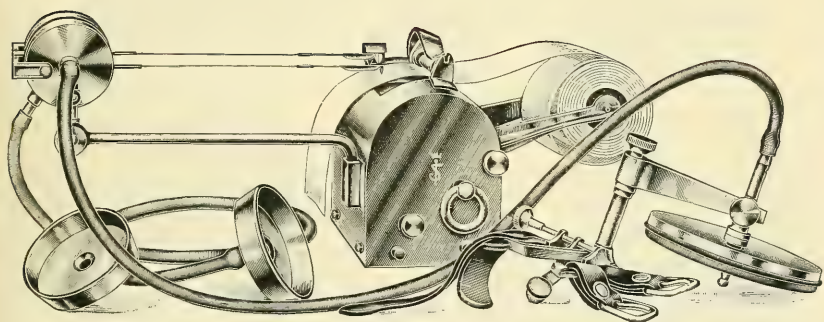


A/-3860-62

## Sphygmography

(Continued)

	Each
A/-3854 <b>Sahli's Sphymobolograph</b> , in case.....	\$ 80.00
Records energy of the radial pulsation.	
A/-3860 <b>Jaquet's Ink Polygraph</b> , recording three pulsations synchronously; complete set, consisting of polygraph, sphygmograph (for radial pulse), cardiograph (for apex beat), receptor for carotid, with tubing connections, in wooden case, net.....	135.00
Speed of the apparatus can be regulated from 1 cm. to 5 cm. per second. The clockwork runs from a period of 25 minutes for the lowest speed of 1 cm. per second. Time is marked in 1-5 of a second. The apparatus can be used for ink writing as well as for tracing on smoked paper. The radial pulsation is taken by a wrist receptor pneumatically.	
A/-3862 Ink Polygraph, single, without accessories, in case, net.....	120.00
*A/-3866 Sphygmograph, for taking radial pulsation pneumatically, net.....	7.50
*A/-3872 Cardiograph, for apex beat, net.....	12.50
*A/-3878 Receptor, for carotid pulsation, net.....	2.25



A/-3884

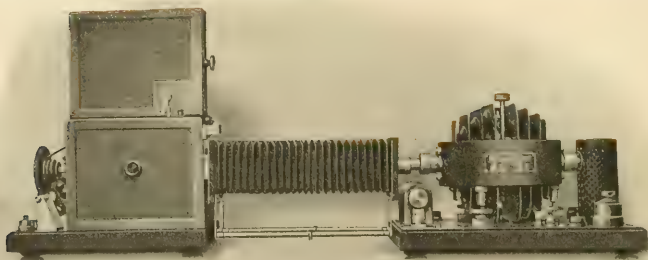
### Sphygmography

(Continued)

- |         |   |                        |
|---------|---|------------------------|
| A/-3884 | <b>Mackenzie's Ink Polygraph</b> , with wrist cuff and receptor for radial pulsation, 2 sets of pens, 12 rolls of paper, bottle of ink, brush for loading pens, rubber tubing and membrane, in leather case, net..... | Each<br><b>\$84.00</b> |
|---------|---|------------------------|

The instrument records two tracings synchronously, the radial pulsation and one other, the carotid, jugular, apex beat, respiration, etc. It is not attached to the patient's wrist directly, a receiver following the movements of the pulse. Permanent ink tracings are obtained of almost any length from the long roll of paper supplied. The ink is a non-corrosive mixture of methylene blue and water. The clockwork operates at variable speeds, time being marked at 1-5 of a second.

- |          |                                   |             |
|----------|-----------------------------------|-------------|
| *A/-3890 | Extra Paper Rolls, per dozen..... | <b>2.00</b> |
| *A/-3896 | Extra Writing Pens, each.....     | <b>.60</b>  |



A/-3902

### Sphygmography

(Continued)

A/-3902 **Nicolai-Huth's** Electro-Cardiograph, consisting of Galvanometer with universal switch, Registering Apparatus with camera and potentiometer.

The Electro-Cardiograph is extremely sensitive and is light and small in dimensions. It may be placed on the table and be attached to any light socket. The cardiogram may be taken by daylight and is under perfect control owing to the wire being open to view while the picture is being taken. The apparatus has been so simplified that the galvanometer can be regulated by a single switch. The current tension of the wire is easily found and maintained. Regulation of tension while taking the picture is not necessary because the wire does not expand or become heated to any extent, the magnet being well cooled and because the light is supplied by an electric bulb.

The Electro-Cardiograph may be made stationary or be taken about, as it is easily carried. It can be readily taken apart and be made ready for use again in a few minutes. In the main it consists of two separate parts, the galvanometer and the photographic registering apparatus.

**The Galvanometer.** One of the disadvantages of the old models of thread wire galvanometers consisted in the great weight and cumbersomeness of the electromagnets. Following the suggestion of *Prof. Martens*, we have constructed a circular form of magnet. The poles are placed diagonally with the thread wire between them, the windings being placed above the poles in the form of globes. Theoretically, this arrangement produces the highest possible current between the poles. The sensitiveness of the instrument increases in proportion to this current, hence the galvanometer though of small dimensions possesses the highest degree of sensitiveness. The galvanometer is controlled by a single universal switch with three markings.

**Thread Wire and Casing.** The movable current carrier of the thread wire galvanometer consists of a very thin platinum wire about 100 mm. long, which is soldered to two metal points. These are screwed into two contact sockets found in the metal frame, which is small and stable and may be readily carried in the pocket, the wire always being protected by its metal housing.

The frame with its delicate wire is introduced into the centre of the galvanometer in the following manner:

The division in the centre of the galvanometer is provided with a movable sled, with two slots, which engage corresponding hooks and slides attached to the thread frame. The metal housing and thread frame are carried into position by inserting the same into these slots. When the frame and housing have been placed into position the thread frame is gradually withdrawn from its housing by turning a button on top of the galvanometer. This moves the wire into position until it appears within the field of vision in front of the microscope.

A particular feature is herein noted, that the delicate thread wire is always protected from injury first in its metal housing and then when inside the galvanometer; in fact it need never be exposed to rupture by contact.

**The Potentiometer.** The Potentiometer presents a unit of 1 volt tension, a resistance of 100-000 ohm and a button rheostat of 1-100 ohm. The potentiometer permits of correct regulation and adjustment of the current flowing through the thread wire.

**Registering Apparatus.** The camera is made of aluminum and contains a bromo-silver strip of paper, 60 cm. long and 6 cm. wide, which is passed by a slit by means of a small electric motor. The shadow picture of the galvanometer thread falls through this slit upon the sensitized paper and also upon a graduated piece of ground glass (5 mm.). This can be adjusted so that the thread may be watched while it is vibrating. When through the paper is mechanically cut off, which stops the further circulation of the paper and closes the slit.

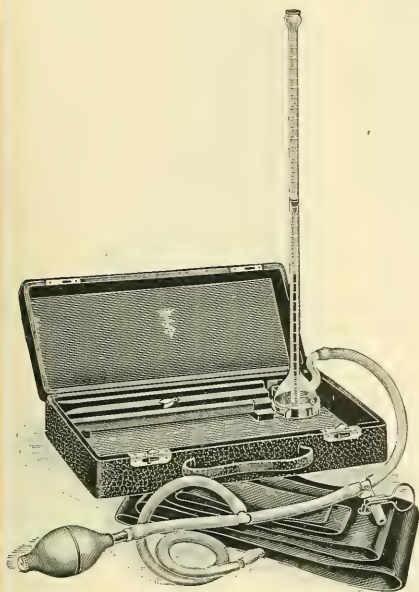
Timing is accomplished by means of a metal tongue which is set into vibration; these are 1.10 of a second apart and are photographically reproduced along the margin of the strip of paper. This method is exceedingly exact, as it is automatic and independent of the motor and the slipping of the paper.

The radial pulse is recorded by the use of a Marey Capsule which is connected with the tambour by means of rubber tubing. The movements of the membrane are recorded upon the strip of paper simultaneously with the electro-cardiogram.

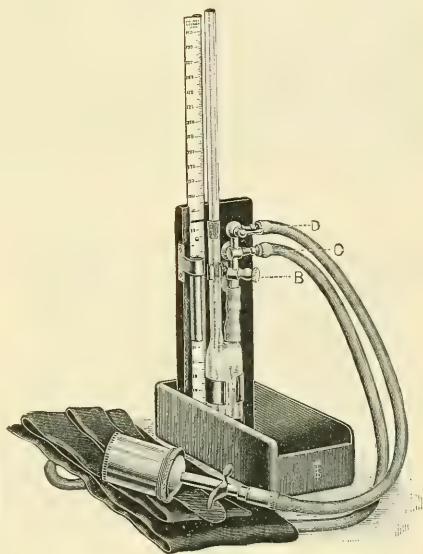
For electrodes we employ two woolen bandages, each about one meter long and containing metallic tissue. These bandages are readily adjusted to the patient's hands or feet, take up very little room and may be applied anywhere.

Literature and price will be sent upon application.





A/-4006



A/-4024

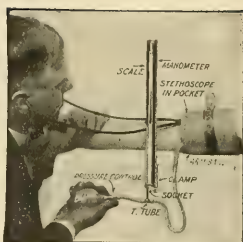
## Sphygmomanometry

### Mercurial Sphygmomanometers

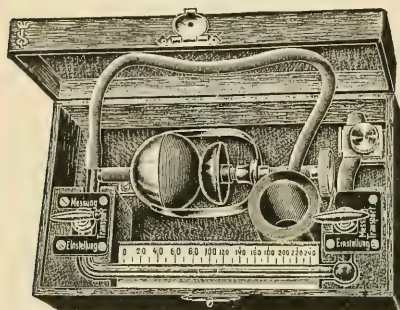
	Each
*A/-4000 Cook's modification of Riva-Rocci's, hospital pattern, glass tube in one piece, with connections, arm band and bulb, without case.....	\$ 6.50
A/-4006 Cook's Pocket Style, glass tube in two pieces, with cuff connections, arm band and bulb, in case	8.50
*A/-4012 Extra Arm Band, with tubing.....	3.00
*A/-4018 Extra Rubber Bulb.....	1.00
A/-4024 Pocket Style, glass jointed tube and scale, in mahogany case, with arm band and metal pump, in leather carrying case, net.....	15.00
Very compact and easily carried in pocket. Dimensions of case $6\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ inches; weight 23 ounces. Patented.	
*A/-4030 Extra Arm Band, with tubing.....	3.00
*A/-4032 Extra Metal Pump.....	1.00



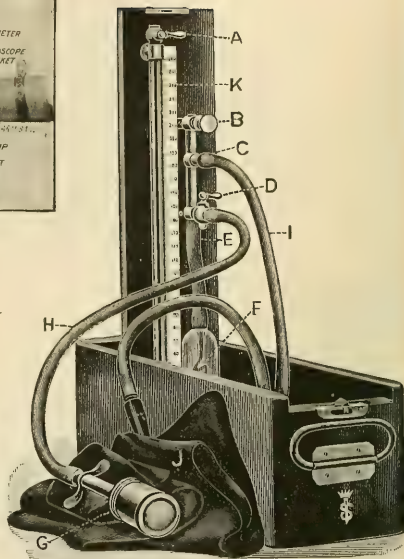
A/-4074



A/-4080



A/-4038



A/-4044

## Sphygmomanometry

### Mercurial Sphygmomanometers

(Continued)

Each

A/-4038 **Gaertner's** Tonometer, latest pattern, in case.....\$ 20.00

Pressure is taken on the finger tips.

A/-4044 Mercurial Standard Sphygmomanometer, with metal pump or rubber bulb and soft arm cuff, in mahogany case, net..... 15.00

Literature will be sent upon application.

\*A/-4050 Metal Pump, extra..... 1.00

\*A/-4056 Soft Rubber Bulb, extra..... 1.00

\*A/-4062 Leather Arm Cuff, extra..... 4.00

\*A/-4068 Soft Rubber Arm Cuff, covered, extra..... 3.00

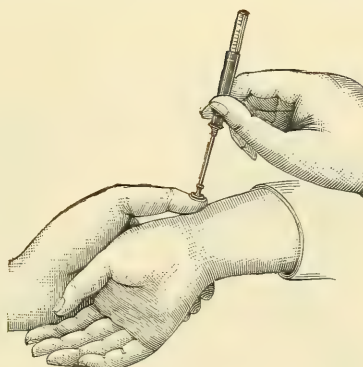
This apparatus is licensed under U. S. Patent No. 917276 of April 6, 1909.

A/-4074 **Mercer's**, in leather carrying pouch, net..... 12.00

A/-4080 **Mercer's**, with stethoscope, in leather pouch, net..... 15.00



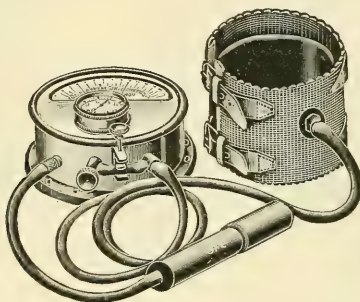
A/-4092



A/-4092 applied



A/-4092 applied



A/-4104



A/-4098

## Sphygmomanometry

### Mercurial Apparatus

(Continued)

A/-4092 **Leonard Hill's Pocket Sphygmomanometer, in case.** ..... Each \$ 7.50

The rubber ball covered by the palm of one hand is pressed down upon the radial artery while the radial pulse is felt by the fingers of the other hand peripherally to the rubber bulb. Pressure is read when the pulse is obliterated.

### Aneroid and Spring Apparatus

A/-4098 **Bloch's, in cylindrical case.** ..... 6.50

The gauge indicates the pressure in centimeters of mercury when the radial pulse is obliterated.

A/-4104 **Pachon's Sphygmometric Oscillometer, with arm cuff, in case.** ..... 60.00

Much more convenient and sensitive and fully as accurate as the mercurial devices. (Wilson's Medical Diagnosis.) Literature will be sent upon application.



A/-4112



Actual  
Size

A 4118



A/-4142



A/-4136

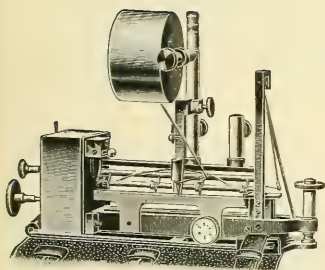
## Sphygmomanometry

### Aneroid and Spring Apparatus

(Continued)

	Each
A/-4112 Potain's, with rubber pad and connections, in case . . . . .	\$ 25.00
Measures systolic pressure.	
A/-4118 "Tycos," pocket style, with gauge, arm sleeve, bulb with valve, in morocco case, $5\frac{1}{2} \times 3\frac{1}{2} \times 2\frac{1}{4}$ inches, net . . . . .	25.00
*A/-4124 "Tycos" Arm Sleeve, with cover, net . . . . .	5.00
*A/-4130 "Tycos" Rubber Bulb and Valve, net . . . . .	1.25
A/-4136 "Tycos," office pattern, on metal base, in morocco covered carrying case, net. . . . .	50.00
A/-4142 Schiotz's Tonometer, for measuring intraocular pressure, with set of weights, in case. . . . .	30.00





A/-4206



A/-4206 applied, showing A/-4212 to 4228

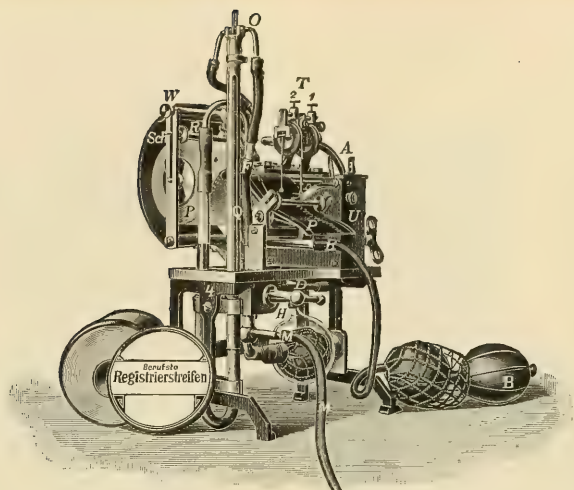
## Sphygmotonography

A/-4206 **Jaquet's Sphygmo-Tonograph**, consists of sphygmo-cardiograph, tonographic attachment in case, pressure clamp, rubber bulb, valve and connections and Sahli's arm cuff. It is furnished with arm rest and 100 paper strips, net. . . . . **\$165.00**

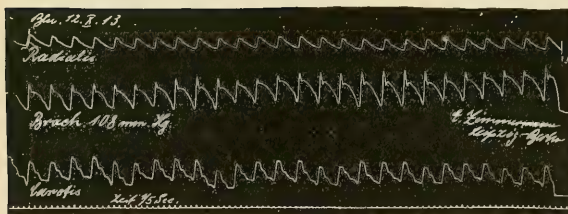
Each

Permits graphic recording of the radial pulsation simultaneously with the blood pressure, and exact observation of the varying forms of pulsation under different pressure.

A/-4212	Sphygmo-Tonograph, separate, net. . . . .	<b>36.00</b>
A/-4218	Pressure Screw Clamp with valve and rubber bulb, net. . . . .	<b>22.50</b>
A/-4224	Rubber Bulb with tubing. . . . .	<b>3.60</b>
A/-4228	<b>Sahli's Arm Cuff</b> with tubing. . . . .	<b>6.20</b>



A/-4234-52



Radial Tracing.

Brachial Pulsation.

Carotid Pulsation.

Time in 1-5 seconds.

## Sphygmotomography

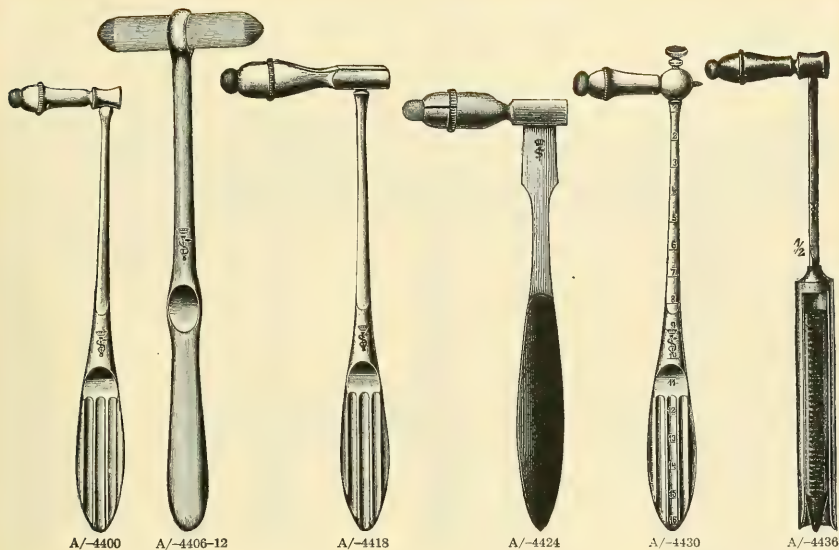
(Continued)

Each

- A/-4234 **Uskoff's Sphygmo-Tonograph**, for two speeds; consists of cardiograph, Recklinghausen's arm band, carotid receptor and set of 4 venous pulse receptors of glass and a box of 100 papers, as well as lamp for smoking same, net. . . . . \$ 140.00

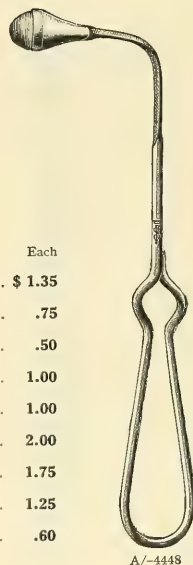
Records blood pressure in millimeters of mercury synchronously with the radial pulse at varying pressures and in addition either the carotid or jugular pulse or apex beat. It makes four tracings upon the paper, blood pressure, arterial pulsations at various pressures, time in 1-5 second, while the fourth record may be taken at pressure from either the jugular vein, carotid artery or apex beat.

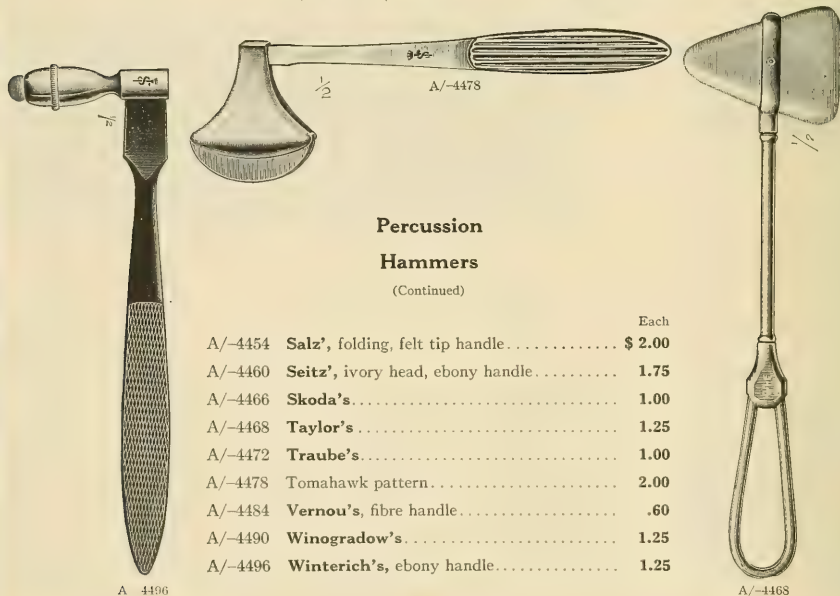
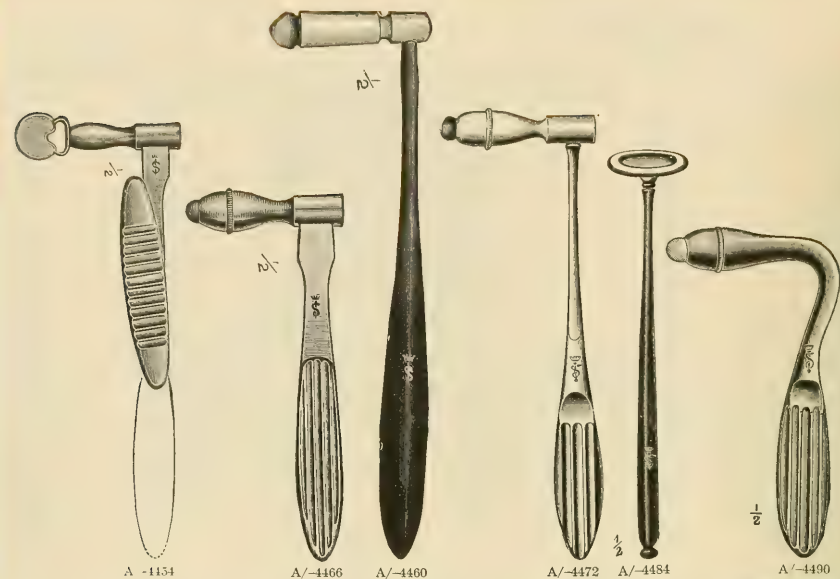
- \*A/-4240 Support to carry roll of smoked papers for continuous tracings, 25 meters long. . . . . 8.00  
 \*A/-4246 Glazed Paper, 510 mill. long, box of 100. . . . . 1.25  
 \*A/-4252 Roll of smoked paper, 25 meters long, in tin box. . . . . 1.50



### Percussion Hammers

	Each
A/-4400 <b>Curschmann's</b> .....	\$ 1.35
A/-4406 <b>Flint's</b> , metal handle.....	.75
A/-4412 <b>Flint's</b> , hard rubber handle.....	.50
A/-4418 <b>Frerich's</b> , metal handle.....	1.00
A/-4424 <b>Frerich's</b> , celluloid handle.....	1.00
A/-4430 Graduated, metal handle.....	2.00
A/-4436 <b>Mueller's</b> , with dermatograph in handle.....	1.75
A/-4442 <b>Niemeyer's</b> , solid handle.....	1.25
A/-4448 <b>Niemeyer's</b> , loop handle.....	.60





## Percussion Hammers

(Continued)

	Each
A/-4454 Salz', folding, felt tip handle.....	\$ 2.00
A/-4460 Seitz', ivory head, ebony handle.....	1.75
A/-4466 Skoda's.....	1.00
A/-4468 Taylor's.....	1.25
A/-4472 Traube's.....	1.00
A/-4478 Tomahawk pattern.....	2.00
A/-4484 Vernou's, fibre handle.....	.60
A/-4490 Winogradow's.....	1.25
A/-4496 Winterich's, ebony handle.....	1.25





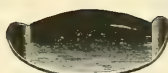
A/-4502



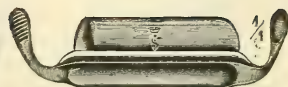
A/-4508-14



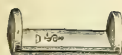
A/-4520-26-32



A/-4538-44



A/-4550



A/-4556



A -4562-74



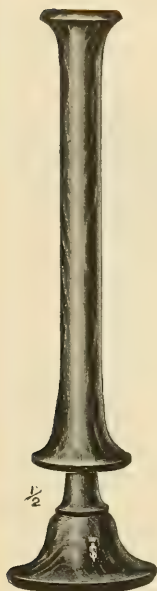
A/-4586



A/-4592

### Percussion Pleximeters

	Each
A/-4502 Finger Shield Percussor, hard rubber.....	\$ .50
A/-4508 Pleximeter, round, hard rubber.....	.25
A/-4514 Pleximeter, round, celluloid.....	.25
A/-4520 Pleximeter, oval, hard rubber.....	.25
A/-4526 Pleximeter, oval, celluloid.....	.25
A/-4532 Pleximeter, oval, ivory.....	.75
A/-4538 Flint's Pleximeter, hard rubber.....	.30
A/-4544 Flint's Pleximeter, metal.....	.50
A/-4550 Hasse's Pleximeter.....	.75
A/-4556 Hesse's Pleximeter, glass.....	.50
A/-4562 Seitz's Pleximeter, hard rubber.....	.25
A/-4568 Seitz's Pleximeter, celluloid, 2 sizes.....	.25
A/-4574 Seitz's Pleximeter, metal.....	.60
A/-4586 Struck's Pleximeter, hard rubber.....	.40
A/-4592 Traube's Pleximeter, ivory plate, graduated, folding, German silver sides.....	1.50



A/-4606



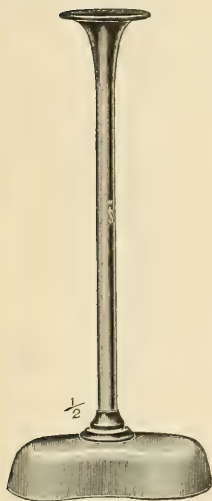
A/-4618



A/-4636



A/-4642



A/-4648

### Auscultation Single Stethoscopes

	Each
*A/-4600 Cedar, plain, all in one piece (not illustrated).....	\$ .75
A/-4606 Cedar, in two parts.....	.90
A/-4618 Metal, separable, for pocket.....	1.50
A/-4636 Hawksley's, all aluminum.....	1.50
A/-4642 Hawksley's, metal stem, with hard rubber ear plate....	1.00
A/-4648 Hawksley's, metal stem, with celluloid ear bell.....	1.50



A/-4654



A/-4660



A/-4666



A/-4706



A/-4672



A/-4678-4684



A/-4690

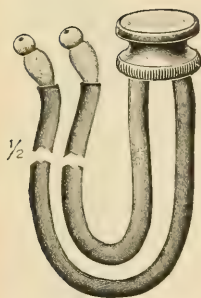


A/-4694-4700

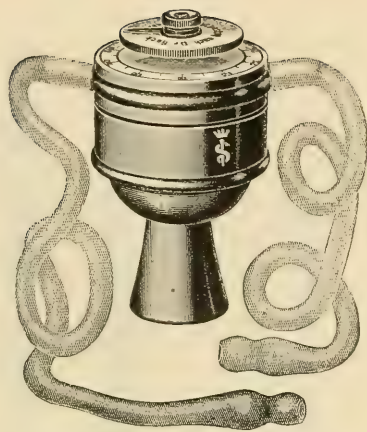
## Auscultation, Single Stethoscopes

(Continued)

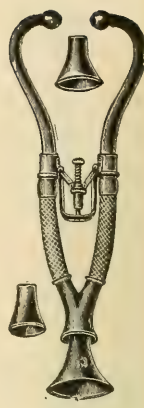
	Each
A/-4654 Hawksley's, all metal, folding ear plate.....	\$ 1.50
A/-4660 Hawksley's, all hard rubber.....	1.00
A/-4666 Martin's, with hammer and pleximeter.....	2.75
A/-4672 Pinard's, aluminum, for foetal heart sounds.....	2.25
A/-4678 Quain's, hard rubber, telescopic.....	1.50
A/-4684 Quain's, all metal, telescopic.....	1.75
A/-4690 Roberts', pocket style, hard rubber.....	1.75
A/-4694 Traube's, hard rubber.....	1.25
A/-4700 Traube's, metal.....	1.25
A/-4706 Traube's, telescopic.....	1.50



A/-4766



A/-4772



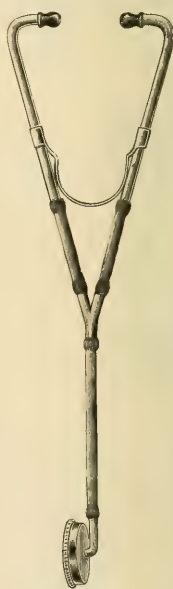
A/-4796



A/-4760



A/-4778



A/-4784

### Auscultation Binaural Stethoscopes

	Each
A/-4760 Albion's, with hard rubber or aluminum bell.....	\$ 3.00
A/-4766 Auscultation, in leather pouch.....	1.75
A/-4772 Bock's, differential for measuring subjective strength of heart sounds	10.00
A/-4778 Bowles', flat iron pattern.....Net	4.50
A/-4784 Bowles', round pattern, 3 sizes diaphragm, 1 $\frac{3}{8}$ , 1 $\frac{3}{4}$ and 2 $\frac{1}{8}$ inches	
Net	4.00
*A/-4790 Bowles', hard rubber bell, suitable for both patterns.....Net	.50
A/-4796 Dennison's, with 2 bells.....	5.00

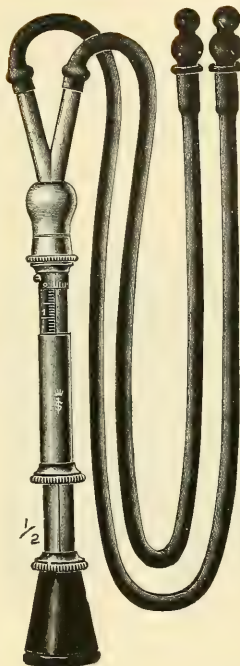




A/-4800



A/-4806



$\frac{1}{2}$

A/-4814



$\frac{1}{2}$

A/-4814

As single stethoscope

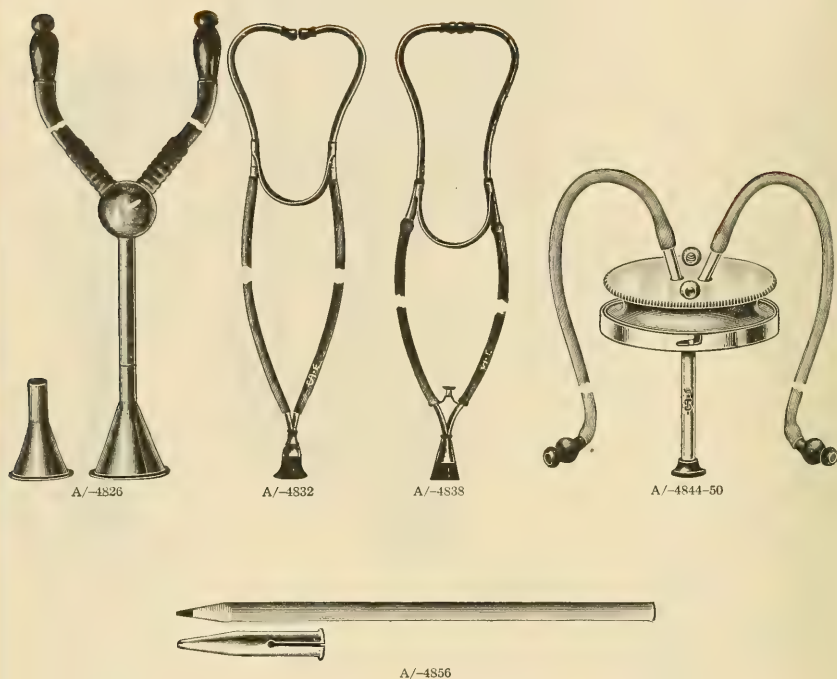


A/-4820

### Auscultation Binaural Stethoscopes

(Continued)

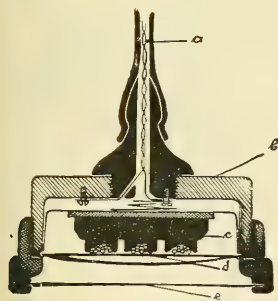
		Each
A/-4800	<b>Ford's</b> Stethoscope, with hard rubber or aluminum bell.....	\$ 3.00
A/-4806	<b>Jefferson</b> Stethoscope, with heavy tubing, folding, with diaphragm and chest piece.....	3.25
A/-4808	Leather Pouch for same, extra.....	.50
A/-4814	<b>Oertel's</b> Stethoscope, consisting of stethoscope with 2 hard rubber bells and binaural attachment, in leather pouch.....	8.00
	Measures relative intensity of heart sounds. It can be used as single and as binaural stethoscope.	
A/-4820	<b>Paul's</b> Stethoscope, pneumatic.....	4.00



### Auscultation Binaural Stethoscopes

(Continued)

	Each
A/-4826 Sansom's Binaural Stethoscope, with 2 bells.....	\$ 1.50
A/-4832 Snoften's Binaural Stethoscope.....	1.50
A/-4838 Snoften's Binaural Stethoscope, modified by Down.....	2.25
A/-4844 Bazzi-Bianchi's Phonendoscope, in metal case.....	Net 3.50
A/-4850 Bazzi-Bianchi's Phonendoscope, in leather case.....	Net 4.00
A/-4856 Dermatographic Pencils, red or blue.....	.20



A/-4862  
Cross-section

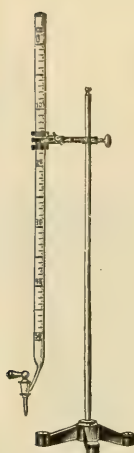


A/-4862 applied

## Auscultation

(Continued)

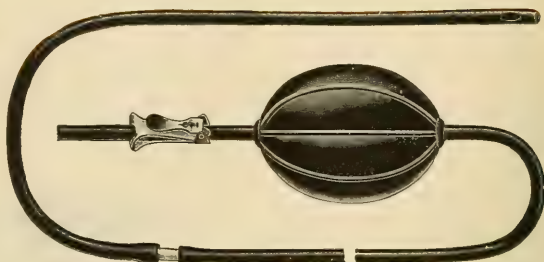
	Each
A/-4862 <b>Lilienstein's</b> Cardiophone, small pattern, consisting of cardiophone receiver, telephone and battery with cable, complete in case.....	Net \$50.00
Magnifies heart sounds electrically.	
A/-4868 Cable for same, extra long, 6 meters.....	Net 6.00
*A/-4874 <b>Lilienstein's</b> Cardiophone, for clinical lecture.....	Net 200.00
Consists of cardiophone receiver, dry cell battery in wooden case with connections and telephones for an audience of ten persons.	
The apparatus permits an audience of ten persons to listen simultaneously to the heart sounds of a patient.	
Literature will be mailed upon application.	



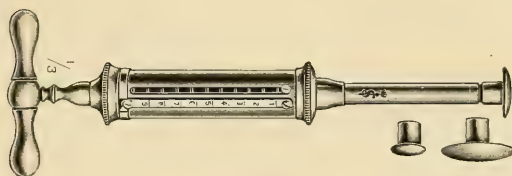
A/-4912-18



A/-4930



A/-4906



A/-4900



A/-4924

### Examination of Gastric Function

Each

A/-4900 **Boas' Gastralgometer**..... \$ 9.00

Measures sensibility of stomach to pressure.

A/-4906 **Boas' Stomach Evacuator**, seamless tubing, with large, heavy suction bulb ..... 4.25

A/-4912 Burette for titrating gastric juice, graduated in 1-10, capacity 25 ccm., with iron stand..... 2.75

A/-4918 Burette for titrating gastric juice, graduated in 1-10, capacity 50 ccm., with iron stand..... 3.25

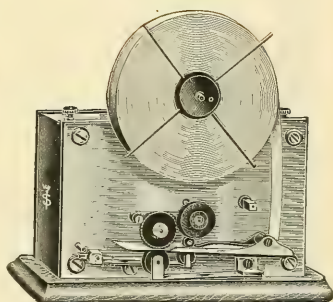
A/-4924 **Citron's Rapid Filtration Apparatus**, for gastric juice, capacity 100 ccm..... 1.75

A/-4930 **Citron's Acidimeter**..... 2.00





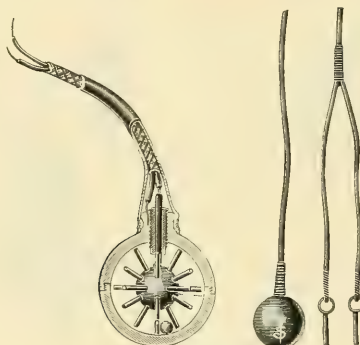
A/-4936



A/-4954



A -4942

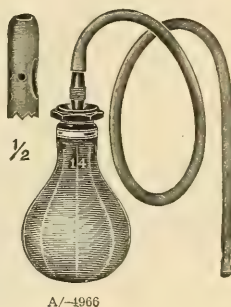
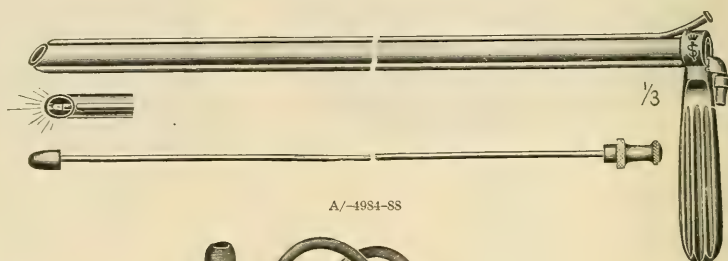
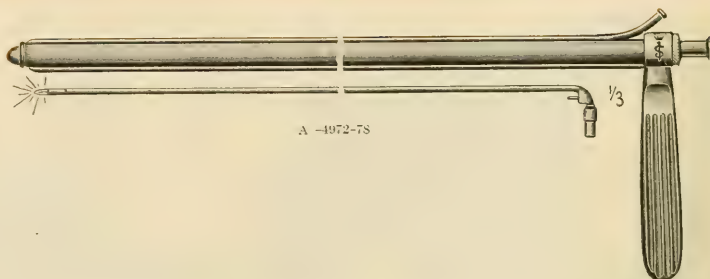


A/-4948

## Examination of Gastric Function

(Continued)

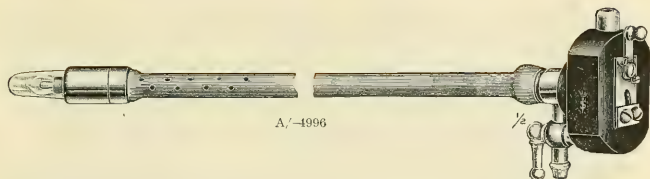
	Each
A/-4936 <b>Einhorn's Outfit, for stomach diagnosis, in case.</b> .....	<b>\$ 4.50</b>
<b>Contains:</b>	
1 Stomach Bucket, silver	1 Glass Pipette
1 Nest of 3 Porcelain Dishes	1 Small Glass Bucket
1 Glass Rod	1 Vial of Guenzberg's Solution
A/-4942 <b>Einhorn's Duodenal Bucket, gold-plated.</b> .....	<b>3.25</b>
A/-4948 <b>Einhorn's Gastrokinesograph, for recognizing the motivity of the stomach.</b> .....	<b>15.00</b>
A/-4954 <b>Einhorn's Recording Apparatus for Gastrokinesograph, with dry cells and connections.</b> .....	<b>25.00</b>



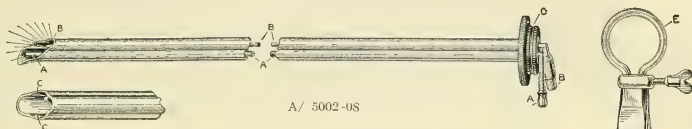
## Examination of Gastric Function

(Continued)

	Each
A/-4960 <b>Einhorn's</b> Gastrodiaphane, for translumination of the stomach.....	\$ 9.00
A/-4966 <b>Ewald's</b> Stomach Evacuator, for obtaining samples for tests.....	4.50
A/-4972 <b>Jackson's</b> Esophagoscope, with auxiliary drainage tube, for children, 7 mm. diameter and 45 cm. long.....	15.00
A/-4978 <b>Jackson's</b> Esophagoscope, with auxiliary drainage tube, for adults, 10 mm. diameter and 53 cm. long.....	18.00
A/-4984 <b>Jackson's</b> Gastroscope, with auxiliary drainage tube, 10 mm. diameter and 70 cm. long.....	21.00
A/-4988 <b>Jackson's</b> Gastroscope, with auxiliary drainage tube, 10 mm. diameter and 80 cm. long.....	24.00



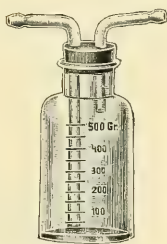
A/-4996



A/ 5002 -08



A/-5028



A/-4992



A/-5016-22

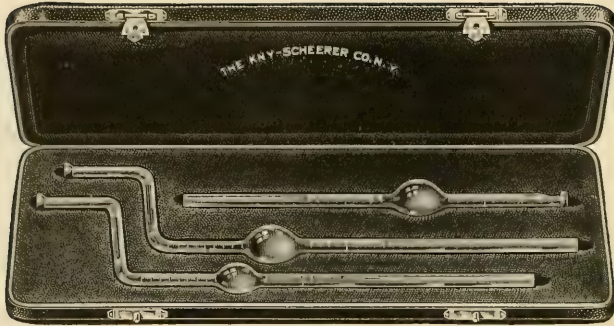


A/-5034

## Examination of Gastric Function

(Continued)

	Each
A/-4992 <b>Klemperer's</b> Aspirator, for evacuating contents of stomach, graduated, capacity 500 ccm. . . . .	\$ 1.50
A/-4996 <b>Kuttner's</b> Stomach Transluminator, with irrigating attachment, in case. . . . .	18.00
A/-5002 <b>Lerche's</b> Improved Esophagoscope, made in 3 sizes, complete with handle, suction tube, light carrier and cord, size 10 mm. x 50 cm. long. . . . .	35.00
A/-5004 <b>Lerche's</b> Improved Esophagoscope, 10 mm. x 25 cm. long. . . . .	35.00
A/-5006 <b>Lerche's</b> Improved Esophagoscope, 8 mm. x 35 cm. long. . . . .	35.00
A/-5008 <b>Lerche's</b> Complete Set of 3 sizes, two for adults, one for children, with one handle, in fine case. . . . .	85.00
*A/-5010 <b>Lerche's</b> Suction Apparatus, for use with Esophagoscope, complete with Chapman pump, bottle, tubing, etc. . . . .	6.50
A/-5016 Separatory Funnel, with ground-in stopper and stopcock, capacity 250 ccm. . . . .	2.50
A/-5022 Separatory Funnel, with ground-in stopper and stopcock, capacity 500 ccm. . . . .	2.75
A/-5028 <b>Strauss's</b> Shaking Funnel for determination of lactic acid in gastric juice. . . . .	1.00
A/-5034 Test Paper, Congo red, in box, for 100 tests. . . . .	.25



A/-5054

## Examination of Gastric Function

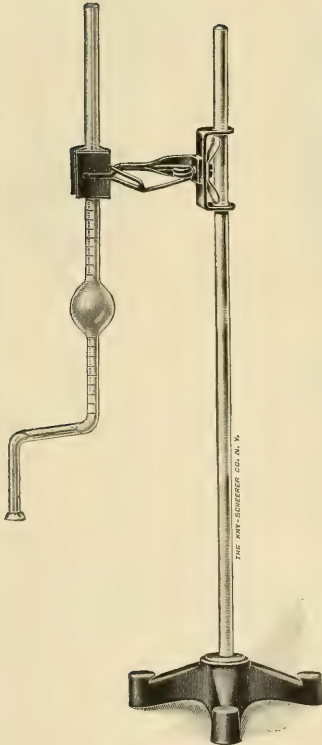
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- |         |   |                         |
|---------|---|-------------------------|
| A/-5054 | <b>Traube's Stalagmometer</b> , for capillary analysis of stomach contents and urine, complete set of three pieces, in velvet lined case..... | Each<br><b>\$ 16.00</b> |
|---------|---|-------------------------|

### Single Parts

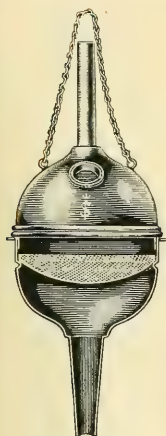
- |   |  |             |
|---|--|-------------|
| A | Stalagmometer, instrument No. 1, for small quantities of thin fluids, holding about 16-18 drops, in velvet-lined case..... | <b>8.50</b> |
| B | Stalagmometer, instrument No. 2, for large quantities of thin fluids, holding about 50-60 drops, in velvet-lined case..... | <b>8.50</b> |
| C | Stalagmometer, instrument No. 3, straight form, specially for tenacious fluids, such as blood, in velvet-lined case.....   | <b>8.50</b> |
| D | Brass Rod on tripod, with clamp only.....  | <b>3.00</b> |

Designed for the determination of concentration and the co-efficients of solubility and absorption by means of capillary analysis. Complete directions are supplied with each instrument. Literature will be sent upon application.



A/-5054D

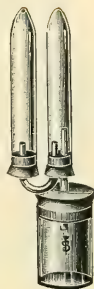




A/-5056



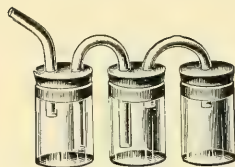
A/-5068



A/-5074



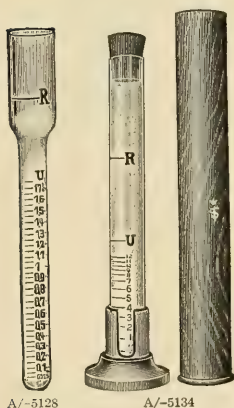
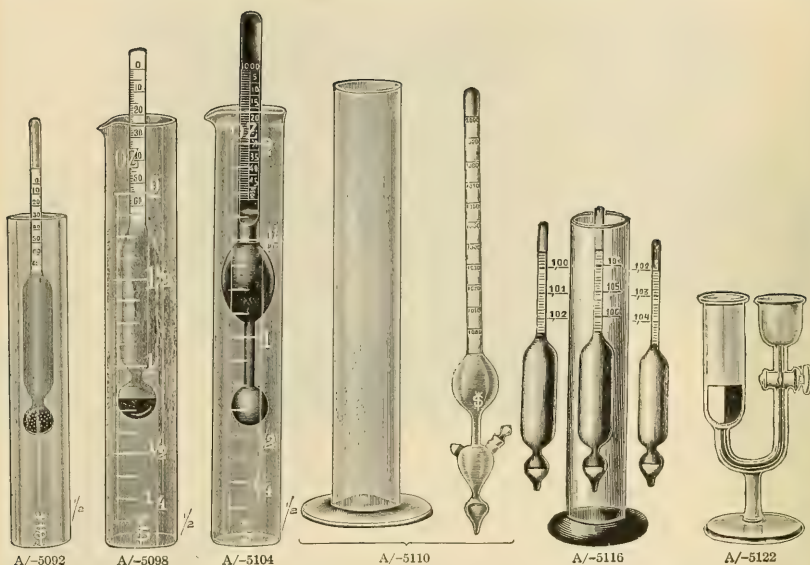
A/-5062



A/-5080

### Examination of Intestine and Feces

	Each
A/-5056 <b>Boas' Sieve</b> , for examination of fecal discharges.....	\$ 2.50
May be attached to running water to wash feces.	
A/-5062 <b>Boas' KoproSCOPE</b> , portable glass receptacle for fecal tests, with rubber ring and glass spatula...	2.50
A/-5068 <b>Citron's Set</b> , for determination of blood in feces, complete with reagents, in wooden case .....	12.00
For diagnosis of gastric ulcer and cancer.	
A/-5074 <b>Schmidt-Strasburger's Fermentation Tubes</b> , for determining fermentation in feces.....	2.00
A/-5080 <b>Schmidt-Strasburger's Fermentation Tubes</b> , modified by Baurmeister.....	4.00
*A/-5086 <b>Horn Spatula</b> , for fecal tests, 15 cm. long.....	.20



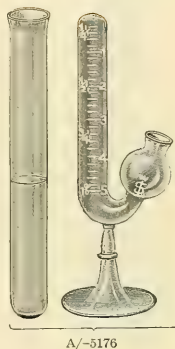
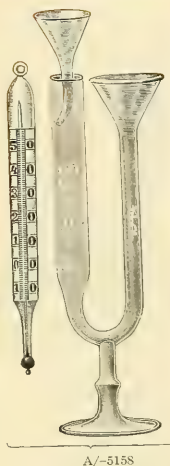
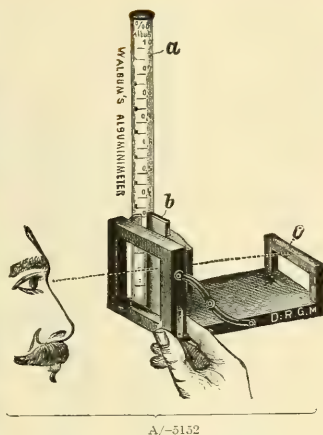
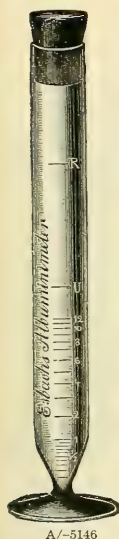
## Urinary Examination

### Specific Gravity of Urine

	Each
A/-5092 Urinometer, spindle with paper scale 1000-1060, in box.....	\$ .35
A/-5098 Urinometer, spindle with milk glass scale 1000-1060, in box.....	.75
A/-5104 Urinometer, hard rubber spindle, with paper scale 1000-1060, in box.....	2.00
A/-5110 Eichhorn's Araeo-Picnometer, scale 1000-1060....	3.75
A/-5116 Vogel's Urometer, with set of 3 spindles, 1000-1020, 1020-1040, 1040-1060.....	2.75

## Albumen

A/-5122 Albumoscope, for detection of albumen by nitric acid, with stopcock.....	2.00
A/-5128 Aufrecht's Albuminometer, for use with centrifuge.....	2.00
A/-5134 Esbach's Albuminometer, on foot.....	.75
*A/-5140 Test Solution for same, in glass stoppered bottle, per pound.....	.50



## Urinary Examination

### Albumen

(Continued)

	Each
A/-5146 <b>Esbach-Hayward's</b> Albuminometer, with glass base, graduated in 1/10.....	\$ 1.00
A/-5152 <b>Walbum's</b> Albuminometer, rapid, with wooden base and 2 pipettes	4.00
Based on the principle that trichlor acetic acid and albumen precipitate.	
A/-5158 <b>Zuelzer's</b> Uroscop, for determination of albumen and sugar....	1.75

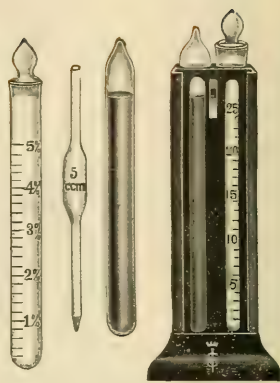
### Sugar

A/-5164 <b>Eickhoff's</b> Fermentation-Saccharimeter, for undiluted urine.....	9.00
Circular on application.	
*A/-5170 Thermostat for same, for maintaining uniform temperature during fermentation.....	6.00
A/-5176 <b>Einhorn's</b> Fermentation Saccharometer.....	.75

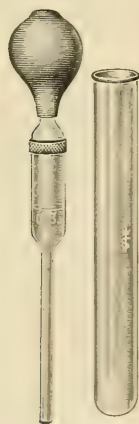




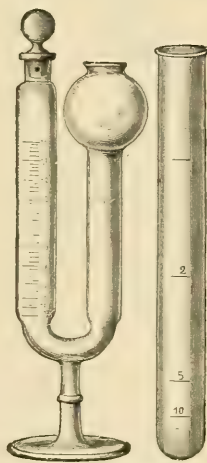
A -5182



A 5200



A -5188



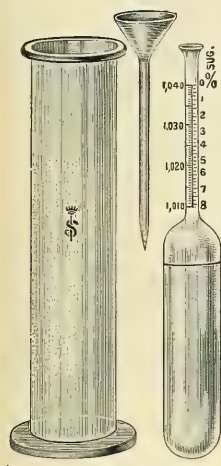
A -5194

### Urinary Examination Sugar

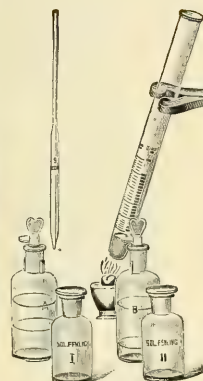
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	Each
A/-5182 <b>Fiebig's</b> Fermentation Saccharometer, with test tube and graduated mixing bottle.....	\$ 2.00
A/-5188 <b>Limousin's</b> Saccharometer.....	3.00
Set consisting of 2 pipettes of 1 and 2 cm. capacity, 2 test tubes and bottle of Fehling's solution.	
A -5194 <b>Lohnstein's</b> Precision Saccharometer, for exact determination of sugar, with bottle of mercury.....	1.75
A/-5200 "Rapid," Chromo-Saccharometer, for accurate colorimetric estimation of sugar.....	5.00

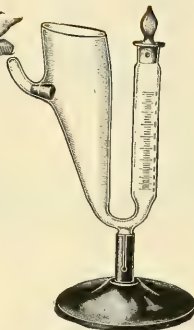




A/-5206



A/-5212



A/-5218



A/-5224

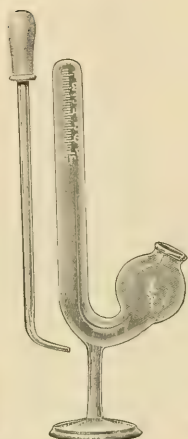
## Urinary Examination Sugar

(Continued)

	Each
A/-5206 <b>Schuetz's</b> Araeo-Saccharometer, with funnel and urine glass, 15 $\frac{3}{4}$ inches high, 2 inches diameter, in case. . . . .	\$ 7.50
A/-5212 <b>Walbum's</b> Saccharometer, complete set, in wooden case. . . . .	6.00
A/-5218 <b>Weidenkaff's</b> Fermentation Saccharometer. . . . .	2.75
A/-5224 <b>Ultzmann's</b> Polarisation Saccharometer, for quantitative estimation of sugar, giving percentage of same within the limits of 0.10 per cent. to 0.1 per cent. on weighted base, with glass tube, in mahogany case. . . . .	Net 38.00
*A/-5230 Weighted Base for same, single. . . . .	5.00
*A/-5236 Extra Glass Tube Container, 175.3 mm. long. . . . .	3.00



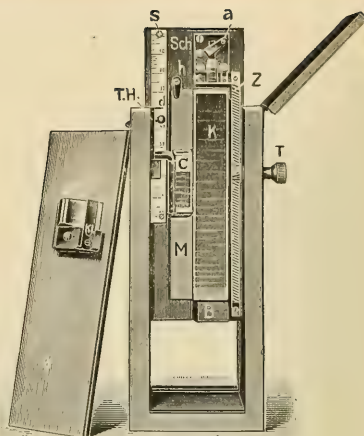
A/-5242



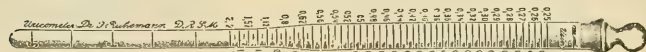
A/-5248



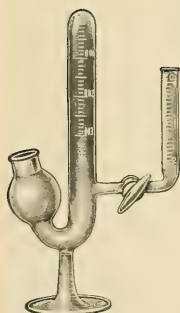
A/-5266



A/-5290



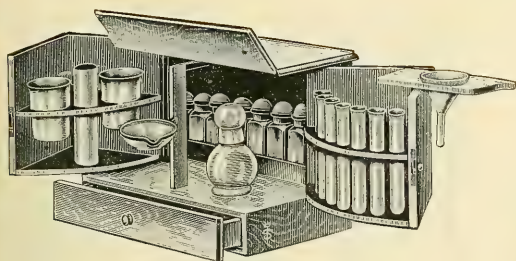
A/-5260



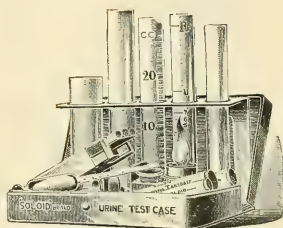
A/-5254

## Urinary Examination Urea and Uric Acid. Sundry Apparatus

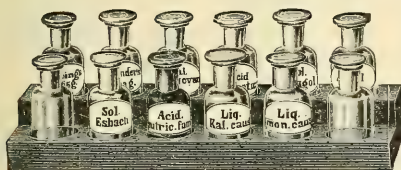
	Each
A/-5242 <b>Bouriez's</b> Ureometer, with pipette .....	\$ 1.75
A/-5248 <b>Doremus'</b> Ureometer, for rapid estimation of urea by sodium hypobromite, on base, with pipette .....	1.00
A/-5254 <b>Doremus'</b> Ureometer, improved by Hind .....	3.00
A/-5260 <b>Ruhemann's</b> Uricometer, for rapid determination of uric acid .....	2.50
A/-5266 <b>Hall's</b> Purinometer, for determination of purin .....	12.00
*A/-5272 Test Solution for same, No. 1, per 200 ccm .....	.40
*A/-5278 Test Solution for same, No. 2, per 200 ccm .....	.45
A/-5290 <b>Hellige's</b> Colorimeter, modified by Rowntree and Geraghty, in polished wooden case. ....	Net 20.00
For accurate estimation of renal function.	
*A/-5296 Phenolsulphonephthalein Ampoules for renal test, box of 10 ampoules .....	Net 1.00



A/-5302



A/-5308



A/-5314



A/-5320-32



A/-5338-44

## Urinary Examination

### Urine Test Sets

	Each
A/-5302 Urine Test Case, portable, in wooden cabinet with drawer.....	\$ 7.00

#### Contents:

8 Reagent Bottles, filled	6 Assorted Test Tubes
2 Glass Funnels	1 Test Tube Holder
1 Alcohol Lamp	1 Urinometer
2 Beakers	1 Graduated Pipette
1 Evaporating Dish, porcelain	Filter, paper
2 Evaporating Dishes, glass	Litmus Paper

A/-5308 Urine Test Set, in aseptic pocket case, with leather cover.....	8.50
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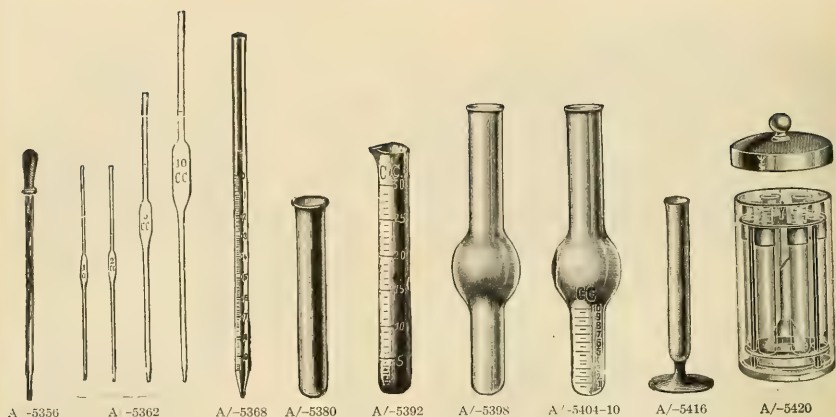
#### Contents:

Urinometer in plated case	Alcohol Lamp
Albuminometer	Test Paper
Graduated Measure	Analysis Charts
Pipette	5 Bottles with reagents
Test Tube and Stand	

A/-5314 Set of 12 Reagent Bottles, of 50 ccm. capacity, on polished wooden base, 10 bottles with labels, 2 without labels.....	6.00
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### Test Paper

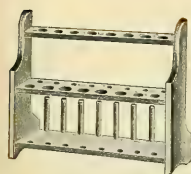
A/-5320 Congo Paper, in books, per dozen books.....	.50
A/-5326 Litmus Paper, blue, in books, per dozen books.....	.40
A/-5332 Litmus Paper, red, in books, per dozen books.....	.40
A/-5338 Litmus Paper, blue, perforated strips in tin box, for 100 tests.....	.20
A/-5344 Litmus Paper, red, perforated strips, in tin box, for 100 tests.....	.20



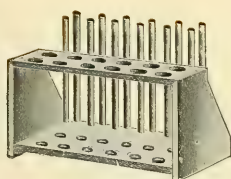
### Urinary Examination Accessories

								Each
*A/-5350	Pipette, plain, conical end.....							\$ .05
A/-5356	Pipette, with rubber cap, straight end.....							.10
A/-5362	Pipette, volumetric, with bulb in center							
	Capacity, ccm.....				1	2	5	10
	Price, each.....				\$ .10	.10	.15	.25
A/-5368	Mohr's Pipette, graduated in ccm.							
	Capacity, ccm.....	0.5	1	1	2	5	10	25
	Graduation, ccm.....	1/20	1/100	1/10	1/10	1/10	1/10	1/10
	Price, each.....	\$ .25	.35	.25	.30	.40	.50	.80
A/-5380	Test Tube, plain, well annealed.							
	Size, inches.....				4 x 1½	5 x 5/8	6 x 1½	6 x ¾
	Price, dozen.....				\$ .20	.25	.30	.35
A/-5392	Test Tube, graduated, with lip.							
	Capacity, ccm.....					10	15	25
	Graduated in ccm.....					1/10	1/5	1/2
	Price, each.....					\$ .35	.40	.50
A/-5398	Test Tube, with bulb in center, diameter 5/8, length 5 inches, dozen.....							1.20
A/-5404	Test Tube, with bulb, graduated, diameter 5/8, length 5 inches, each.....							.40
A/-5410	Test Tube, with bulb, graduated, diameter 3/4, length 6 inches, each.....							.50
	Contents of these tubes do not boil over; they may be laid on the table without overflowing.							
A/-5416	Test Tube, on base, inches.....				4 x 1½	5 x ¾	6 x 1	
	Dozen.....				\$1.00	1.20	1.30	
A/-5420	Dust-proof Container for test tubes, glass with non-corrosive metal top, complete with 6 test tubes, held in metal rack with handle.....							2.25
	Each opening into which the tubes are placed is equipped with a tubular guide so that the tube will properly rest into the bottom support upon being inserted. A glass funnel of suitable size forms part of each set and is placed in the bottom of the jar in center of rack.							

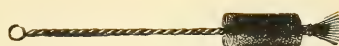




A/-5426



A/-5432



A/-5450



A/-5444



A/-5438



A/-5458



A/-5460



A/-5462



A/-5466



A/-5482



A/-5478

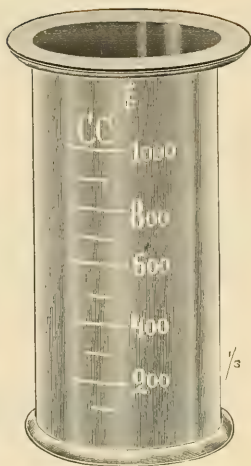
## Urinary Examination. Accessories

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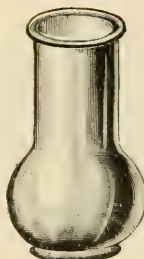
A/-5426	Test Tube Rack, for 16 tubes in 2 rows, with draining pins.....				\$ .50
A/-5432	Test Tube Rack, for 12 large tubes in 2 rows, with draining pins.....				1.00
A/-5438	Test Tube Holder, Stoddard's, spring wire, nickel-plated, small, for tubes up to 1 inch diameter				.10
	Large, for tubes from ½ to 1½ inches diameter.....				.15
A/-5444	Test Tube Clamp, wood.....				.15
A/-5450	Test Tube Brush, tinned iron wire.....				.05
*A/-5456	Stirring Rod, glass, one end rounded, the other pointed.				
	Length, inches.....	5	6	8	10
	Price, dozen.....	\$ .25	.30	.40	.60
A/-5458	Tripod, japanned iron, with adjustable support for burner, 8 inches high, inside diameter of ring 3 inches.....				.75
A/-5460	Bunsen Burner, with air regulator.....				.25
A/-5462	Bunsen Micro Burner, height 2 inches, brass, nickel-plated.....				.50
A/-5466	Teclu's Burner, with regulator for air and gas, large, height 7½ inches.....				2.00
	small, height 6 inches.....				1.25
	Gives a large and powerful flame.				
*A/-5470	"Asta" Blue Flame Burner, needle valve gas regulation ¾ inch diameter.....				1.25
	Special price list of Laboratory Gas Burners will be sent upon application.				
*A/-5474	Burette, with straight glass stopcock, graduated in 1/10 ccm.				
	Capacity, ccm.....		10	25	50
			\$ 1.00	1.35	1.80
A/-5478	Burette Clamp, with spring.....				.40
A/-5482	Burette Support, rectangular base and rod only				
		Small	Medium	Large	Extra Large
	Size of base, inches.....	4 x 6	5½ x 7½	6½ x 8½	6½ x 11
	Size of rod, inches.....	18 x ⅜	20 x ⅜	20 x ⅞	36 x ½
	Price.....	\$ .35	.50	.65	1.35



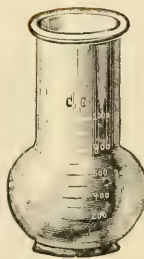
A/-5516



A/-5570



A/-5546



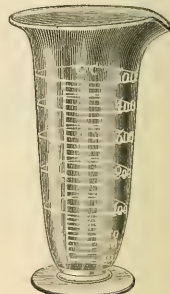
A 5538



A/-5498



A/-5534A

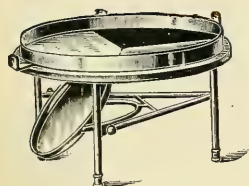


A/-5534B

## Urinary Examination. Accessories

(Continued)

										Each
A/-5498	Sedimentation Glass, conical, with lip, plain									
	Capacity, ccm.....									80 100 125
									\$ .25	.30 .40
*A/-5504	Sedimentation Glass, conical, with lip, graduated									
	Capacity, ccm.....									80 100 125
									\$ .50	.60 .80
A/-5516	Glass Graduate, cylindrical, with lip,									
	Capacity, ccm.....									5 10 25 50 100 250 500 1000
									\$ .15	.25 .30 .35 .45 .75 1.00 1.50
A/-5534	Glass Graduate, conical, with lip and foot, graduated.									
	A—In Ounces									B—Metric System
	60 min.....	\$ .20								5 ccm..... \$ .20
	120 min.....	.25								10 ccm..... .25
	1 oz.....	.15								30 ccm..... .20
	2 oz.....	.20								60 ccm..... .25
	4 oz.....	.25								125 ccm..... .30
	8 oz.....	.35								250 ccm..... .40
	16 oz.....	.60								500 ccm..... .65
	32 oz.....	.90								1000 ccm..... 1.25
										C—Combined
										60 min..... \$ .25
										120 min..... .30
										1 oz..... .25
										2 oz..... .30
										4 oz..... .40
										8 oz..... .55
										16 oz..... .85
										32 oz..... 1.50
A/-5546	Bottle for collecting urine, plain, capacity 1000 ccm.....									.30
	capacity 1500 ccm.....									.50
A/-5558	Bottle for collecting urine, graduated, capacity 1000 ccm.....									.70
	capacity 1500 ccm.....									.85
A/-5570	Volumetric Cylinder, for collecting and preserving urine, with cover, capacity:									
	1000 ccm.....									2000 ccm 3000 ccm 4000 ccm
										\$ 1.20 2.00 2.75 3.50



A/-5606



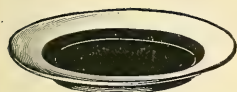
A/-5612-24



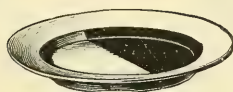
A/-5642



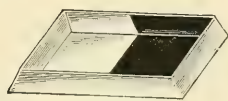
A/-5654-60



A/-5630



A/-5636



A/-5648

## Examination of Sputum

	Each
A/-5606 <b>Kroenig's Examination Stand with reflector</b> .....	<b>\$13.50</b>
Glass bottom is divided in three sections; one transparent, one milk glass and one black glass.	
A/-5612 <b>Petri's Double Dishes</b> , for collecting sputum, 10 mm. high, diameter 50 mm. ....	<b>.15</b>
A/-5618 <b>Petri's Double Dishes</b> , for collecting sputum, 10 mm. high, diameter 65 mm. ....	<b>.18</b>
A/-5624 <b>Petri's Double Dishes</b> , for collecting sputum, 10 mm. high, diameter 80 mm. ....	<b>.20</b>
A/-5630 <b>Traube's Plate</b> , with black enameled bottom, diameter 24 cm. ....	<b>.80</b>
A/-5636 <b>Traube's Plate</b> , one-half of bottom black, diameter 20 cm. ....	<b>.75</b>
A/-5642 <b>Sputum Dish</b> , black glass, with overlapping transparent cover, height 35 mm., diameter 60 mm. ....	<b>.30</b>
A/-5648 <b>Porcelain Tray</b> , one-half black enameled. ....	<b>.80</b>
A/-5654 <b>Measuring Cylinder for sputum</b> , brown glass, with knob cover, capacity 30 ccm. ....	<b>1.00</b>
A/-5660 <b>Measuring Cylinder for sputum</b> , brown glass, with knob cover, capacity 75 ccm. ....	<b>1.20</b>

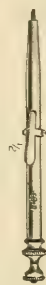
For cover glasses and slides see page 1050.

For stains and solutions see page 1128.

For centrifuges see pages 1130-1132.



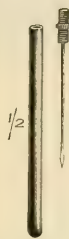
A/-5666



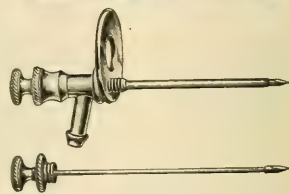
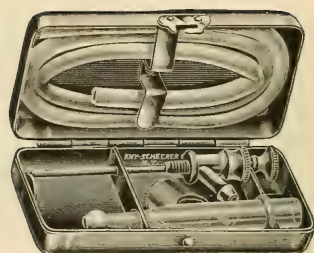
A/-5672



A/-5678



A/-5684



A/-5696



A/-5690



A/-5702

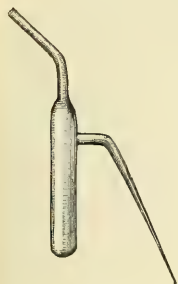
## Examination of Blood

### Instruments for Obtaining and Preserving Blood Tests

	Each
A/-5666 Automatic Lancet, for removing a drop of blood from tip of finger or lobe of ear, $4\frac{3}{8}$ inches. . . . .	\$ 1.75
A/-5672 Automatic Lancet, light pattern, 4 inches. . . . .	1.50
A/-5678 <b>Boldt's</b> Lancet. . . . .	1.75
These lancets permit regulating depth of puncture.	
A/-5684 Lancet, reversible, in metal screw case. . . . .	.40
A/-5690 <b>McRae's</b> Blood Needle, for Wassermann test, with test tube. . . . .	1.25
A/-5696 <b>Heinrich Stern's</b> Venepuncture Trocar, in metal case, set of 3 sizes. . . . .	6.00
Single Trocars for same. . . . .	1.50
A/-5702 <b>Mueller's</b> Instrumentarium for microscopical and bacteriological tests, in metal case. . . . .	5.00

Contains: Glass Bottle in metal case with screw cap, Platinum Canula, Extra Bottle and 10 Glass Beads.

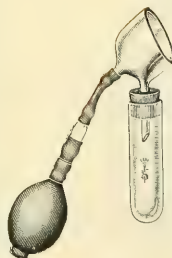




A/-5708



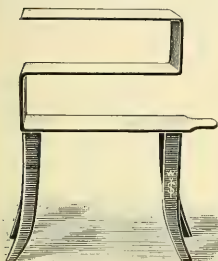
A/-5720



A/-5738



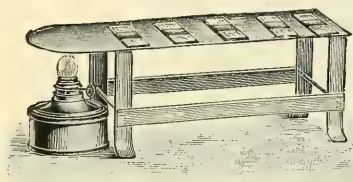
A/-5744



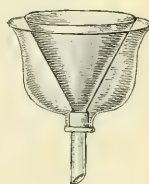
A/-5756



A/-5732



A/-5750



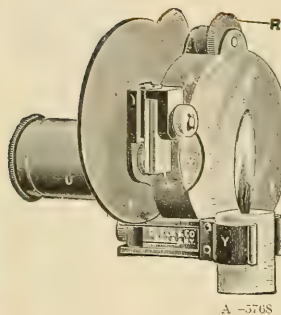
A/-5762

## Examination of Blood Instruments for Obtaining and Preserving Blood Tests

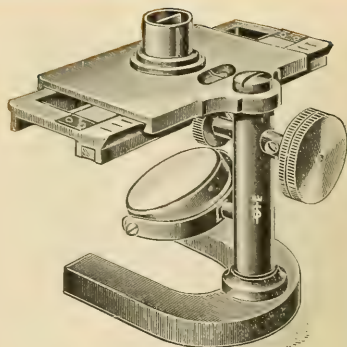
(Continued)

	Each
A/-5708 Chamberland's Glass Tube, for blood tests.....	\$ .35
A/-5720 Keidel's Vacuum Collector, for collecting and shipping samples of blood for Wassermann and other tests, consisting of an ampoule of 5 cc. capacity from which the air has been exhausted, a piece of rubber tubing, a syringe needle and a glass tube to protect needle after sterilization..	.35
A/-5732 Scheurlen's Glass Tube, for blood tests.....	.10
A/-5738 Sormani's Apparatus, for obtaining tests from children and obese persons.....	5.00
A/-5744 Kowarski's Copper Plate, for blood tests.....	1.50
A/-5750 Ehrlich's Copper Table, for drying blood test, for use with alcohol lamp or Bunsen burner, without lamp or burner.....	3.00
A/-5756 Ehrlich's Copper Table, with three racks.....	4.00
A/-5762 A. Schmidt's Ice Funnel, double walled, for filtration of blood.....	1.25

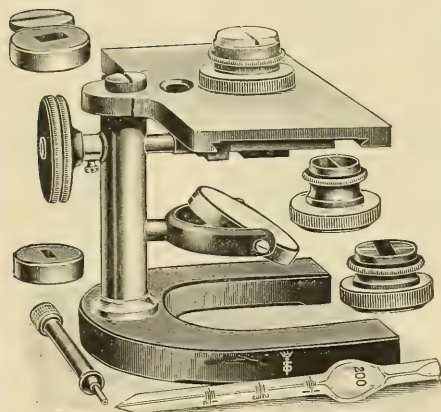
The ground-on glass bell serves as receptacle for ice.



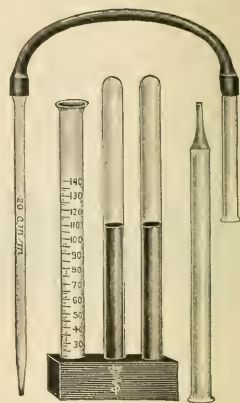
A/-5768



A/-5774



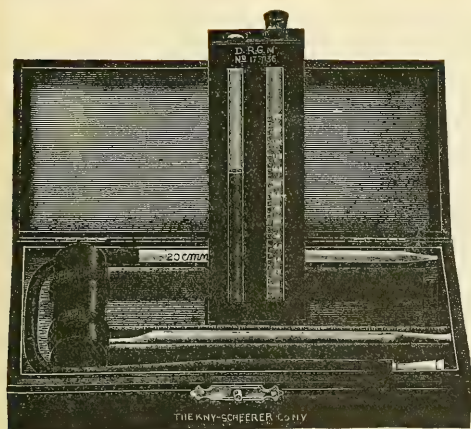
A/-5786



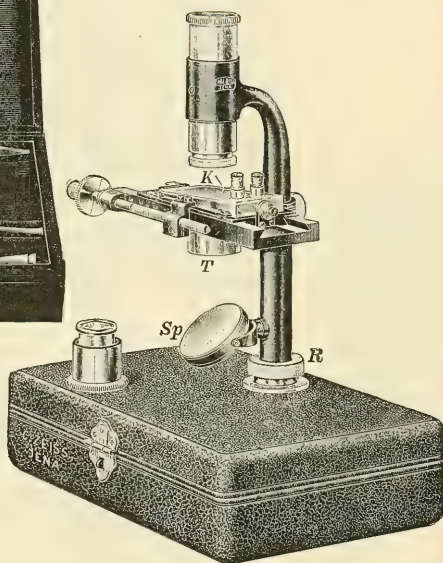
A/-5780

### Examination of Blood. Determination of Hæmoglobine

	Each
A/-5768 Dare's Hæmoglobinometer, for examination of undiluted blood, with automatic pipette and color scale, net .....	\$ 22.50
A/-5774 Fleischl's Hæmoglobinometer, for measuring the percentage of hæmoglobine, in case, net. . . .	24.00
*A/-5780 Capillary Tubes for same, state-capacity desired, net .....	.30
A/-5786 Fleischl's Hæmoglobinometer, modified by Miescher, for accurate determination of the absolute as well as the relative percentage of hæmoglobine, complete with 2 cells and mixing pipette, in case, net. ....	45.00
A/-5782 Gower's Hæmoglobinometer, for colorimetric estimation of hæmoglobine, modified by Sahli, in case. ....	2.50



A/-5798



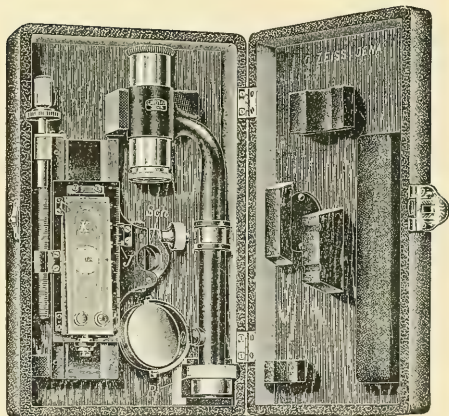
A/-5804-10 Mounted on case

## Examination of Blood

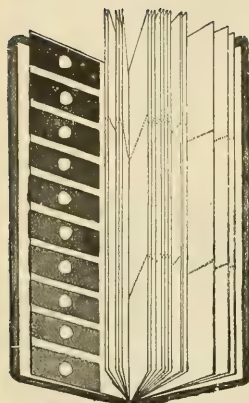
### Determination of Hæmoglobine

(Continued)

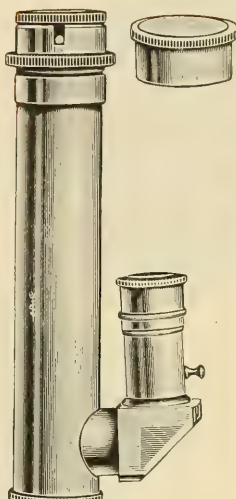
- |  | Each    |
|--|---------|
| A/-5798 Sahli's Hæmometer,<br>with hard rubber<br>stand, in case, net...                                     | \$ 7.50 |
| A/-5804 Schlesinger-Fuld's<br>Hæmoglobinometer,<br>for determination of<br>hæmoglobine, in case,<br>net..... | 75.00   |
| *A/-5810 Base for same, extra, net   | 4.00    |



A/-5804 In case



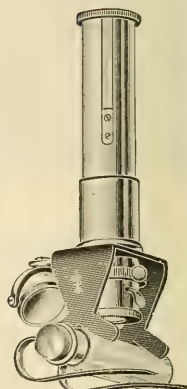
A/-5816



A/-5834



A/-5840



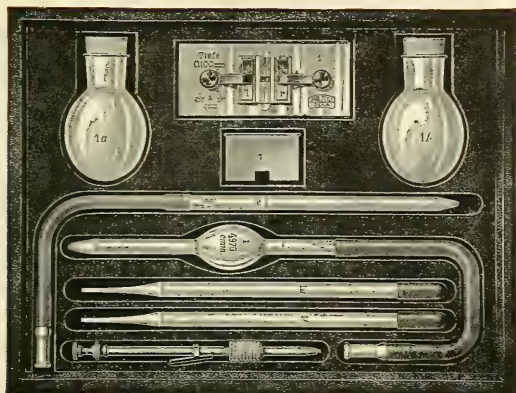
A/-5846

### Examination of Blood. Determination of Hæmoglobine

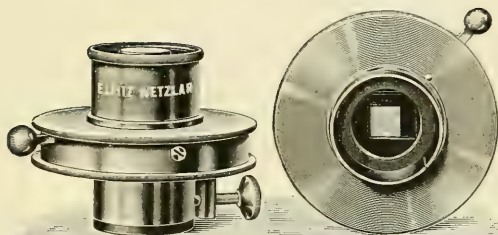
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	Each
A/-5816 <b>Tallquist's Hæmoglobine Scale</b> , color scale of 10 tints, with 50 sheets of standard filter paper, bound in cloth, net.....	\$ 1.50
*A/-5822 <b>Hellige's Colorimeter</b> , modified by Rowntree and Geraghty, in polished wooden case.....	20.00
For illustration see page 1112, No. A/-5290.	
*A/-5828 <b>Hellige's Colorimeter</b> , modified by Rowntree and Geraghty, in polished wooden case, with ampoules.....	21.00
A/-5834 <b>Browning's Pocket Spectroscope</b> , with telescope and prism, in case.....	35.00
A/-5840 <b>Browning's Pocket Spectroscope</b> , with telescope and prism, simplified, with achromatic lens of 10 mm. diameter and 34 mm. focus, in case.....	11.00
A/-5846 <b>Vogel's Spectroscope</b> , for direct vision, with prism and holder, for bottle, containing test, in case.....	20.00





A/-5852



A/-5864

### Examination of Blood Counting of Red and White Corpuscles

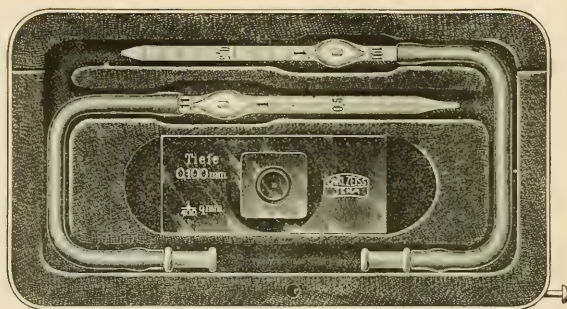
A/-5852 **Buerker's Hæmacytometer Set**, for counting red corpuscles, complete in case. . . . . Each \$ 25.00

**Contents:**

- |  |                                  |
|--|----------------------------------|
| 2 Mixing Flasks with rubber stoppers, 125 ccm. | 1 Diluting Pipette, 4975 cmm.    |
| 1 Counting Chamber with clamps                 | 2 Transfer Pipettes              |
| 1 Moist Chamber                                | 1 Blood Needle                   |
| 1 Blood Pipette, 25 ccm.                       | 100 Diagrams for recording tests |

A/-5864 **Ehrlich's Eyepiece**, for estimation of the relative numbers of red and white corpuscles in dry stained preparations. . . . . 12.00

Contains a diaphragm with square opening adjustable within definite ratios for counting.



A/-5870



A/-5888 Complete Set



A/-5888 Glass Plate

### Examination of Blood Counting of Red and White Corpuscles

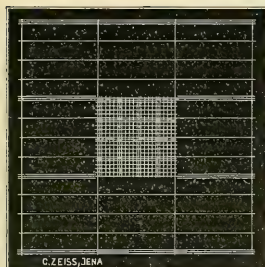
(Continued)

	Each
A/-5870 Thoma's Hæmacytometer, with 2 pipettes for red and white corpuscles, in case, Zeiss make. . . . .	\$11.25
*A/-5872 Thoma's Hæmacytometer, same as above, but K. S. Co. make, in case. . . . .	10.00
*A/-5876 Thoma-Zeiss' Hæmacytometer, for counting red corpuscles, in case. . . . .	9.00
*A/-5882 Thoma-Zeiss' Hæmacytometer, for counting white corpuscles, in case. . . . .	9.00
A/-5888 Thoma-Metz's Hæmacytometer, for counting red and white corpuscles, in case. . . . .	16.00

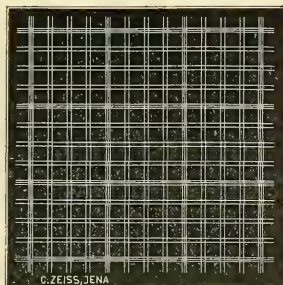
Instead of a ruling in the slide, a glass plate with ruling is mounted in a microscopic eyepiece.

To find the number of red corpuscles in a cmm. of blood, dilute as customary, 1:100, count the corpuscles in the large square and append 00.000 (5 ciphers) to this figure.

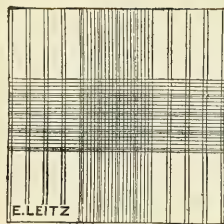
For white corpuscles dilute 1:10 as customary, count the number of corpuscles visible in the large circle, and append 000 (3 ciphers).



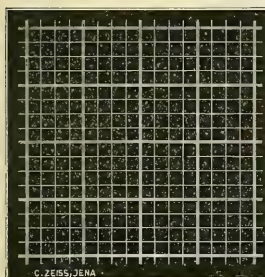
A/-5892 Breuer Ruling



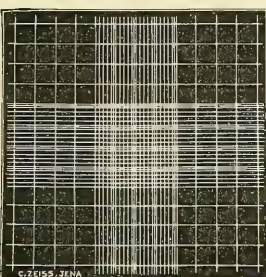
A/-5894-96 Buerker Ruling



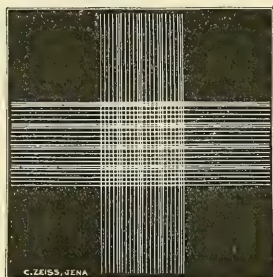
A/-5900 Elzholz Ruling



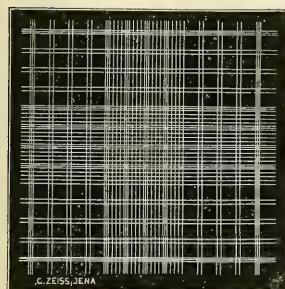
A/-5906 Fuchs and Rosenthal Ruling



A/-5912 Neubauer Ruling



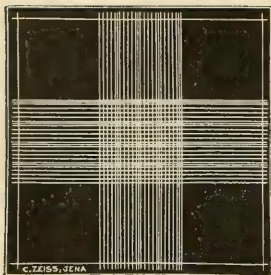
A/-5918-20 Thoma Ruling



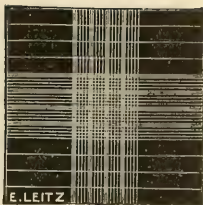
A/-5922-24 Tuerk Ruling

## Examination of Blood Counting Chambers for Red and White Corpuscles

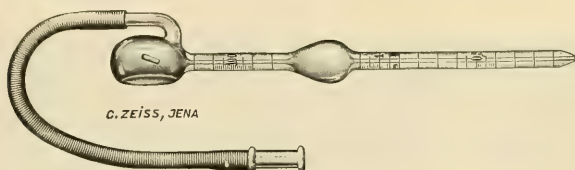
	Each
A/-5892 <b>Breuer's</b> Ruling, with 2 cover glasses.....	\$ 7.00
A/-5894 <b>Buerker's</b> Ruling, with spring clamp to hold cover glass in position, in case.....	13.50
A/-5896 <b>Buerker's</b> Ruling, without clamp and without case.....	9.00
A/-5900 <b>Elzholz's</b> Ruling, for counting leucocytes, in case.....	7.50
A/-5906 <b>Fuchs and Rosenthal's</b> Ruling for cytological investigations of the cerebro-spinal fluids....	6.00
A/-5912 <b>Neubauer's</b> Ruling.....	15.00
A/-5918 <b>Thoma's</b> Ruling, Zeiss make.....	5.75
A/-5920 <b>Thoma's</b> Ruling, K. S. Co. make.....	5.00
A/-5922 <b>Tuerk's</b> Ruling, Zeiss make.....	8.00
A/-5924 <b>Tuerk's</b> Ruling, K. S. Co. make.....	7.50



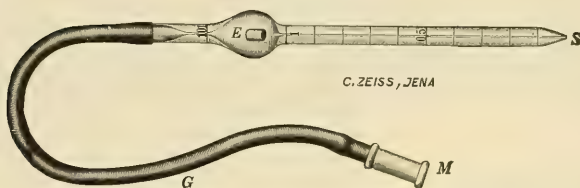
A/-5926 Zappert Ruling



A/-5930 Zappert-Ewing's Ruling



A/-5954-60



A/-5966-74



A/-5978

## Examination of Blood. Counting Chambers for Red and White Corpuscles

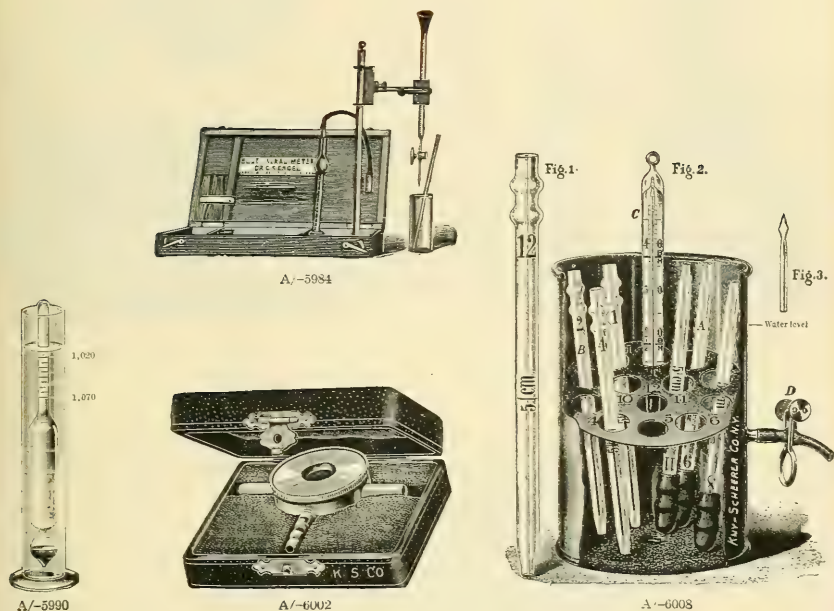
(Continued)

A/-5926	Zappert's Ruling, in case, Zeiss make.....	Each \$ 6.50
A/-5930	Zappert-Ewing's Ruling, in case.....	6.50
*A/-5934	Cover Glasses, square, polished, 04 and 06 millim. thick.....	.25
*A/-5936	Cover Glasses, rectangular, for Buerker's counting chamber, 03 and 05 millim. thick.....	.30

### Mixing Pipettes

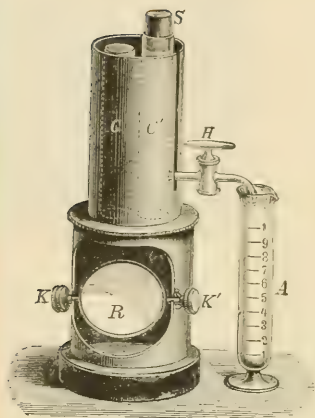
*A/-5942	Miescher's Mixing Pipette, with graduation marks for dilutions in the ratio of 1:100, 1:150, 1:200 and auxiliary marks for accurately estimating variations in the height of the column of blood.....	5.00
*A/-5944	Miescher's Mixing Pipette, graduated for 1:200, 1:300, 1:400.....	5.00
*A/-5948	Rieder's Mixing Pipette, for dilutions in the ratio 1:20, with rubber tube and mouthpiece...	3.50
A/-5954	Roerdansz' Mixing Pipette, for red corpuscles.....	Price on application
A/-5960	Roerdansz' Mixing Pipette, for white corpuscles.....	Price on application
A/-5966	Thoma's Mixing Pipette, for red corpuscles, for dilution in the ratio of 1:100, with rubber tube and mouthpiece, Zeiss make.....	2.00
A/-5968	Thoma's Mixing Pipette, same as above, K. S. Co. make.....	1.75
A/-5972	Thoma's Mixing Pipette, for white corpuscles, for dilution in the ratio of 1:20, with rubber tube and mouthpiece, Zeiss make.....	2.00
A/-5974	Thoma's Mixing Pipette, same as above, K. S. Co. make.....	1.75
A/-5978	Koch's Safety Aspirator, for filling pipettes, 2 sizes, small for white, large for red corpuscles, each.....	2.50



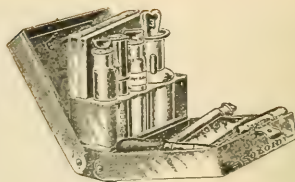


### Examination of Blood Sundry Apparatus

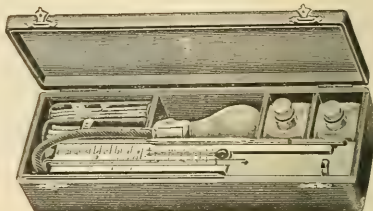
	Each
A/-5984 <b>Engel's</b> Alkalimeter, complete in case.....	\$10.00
A/-5990 Araeometer, for determining the specific gravity of blood, graduated 1020 to 1070.....	1.00
A/-6002 <b>Boggs'</b> Coagulometer, with rubber bulb, in case.....	9.00
A/-6008 <b>Wright's</b> Coagulometer, in fine wooden box. Set consists of tubular receptacle with perforated tray, 12 pipettes, thermometer, 6 blood needles in vial, 2 glass stoppered bottles and tubing.....	16.00



A/-6014



A - 6026



A/-6020

### Examination of Blood—Sundry Apparatus

(Continued)

Each

A/-6014	Jolles' Ferrometer, for quantitative determination of iron in blood.....	\$40.00
A/-6020	Hess' Viscosimeter, for determination of viscosity of blood, in case.....	22.00
A/-6026	Blood Test Set, in nickel-plated metal case, with leather cover, size $4\frac{1}{4} \times 3\frac{1}{2} \times 1\frac{1}{2}$ inches...	8.50

For bacteriological examination of blood.

#### Contains:

Drop Bottle distilled water 20 ccm.  
2 Vials Methyl Alcohol 10 ccm.  
1 Pipette, 1 ccm.

1 Grease Pencil  
6 Micro Slides and Hagedorn Needle, immersed  
in carbolyzed alcohol

#### Solutions for Blood Work in 2-Ounce Bottles

1. Physiological salt solution.....	\$ .20	16. Scarlet red.....	\$ .30
2. Potassium bichromate $3\frac{1}{2}\%$ .....	.20	17. Iodophilia mixture.....	.50
3. Acetic acid $1\frac{1}{3}\%$ .....	.20	18. Osmic acid 1%.....	2.00
4. Hayem's fluid.....	.50	19. Goldhorn's one solution "bloodstain".....	1.00
5. Pacini's fluid.....	.50	20. Jenner's stain.....	.60
6. Toisson's fluid.....	.50	21. Ehrlich-Heidenhain's triple stain.....	1.20
7. Formaldehyde 40%.....	.10	22. Eosine methylene blue (Chenzinski).....	1.00
8. Formaldehyde dil.....	.10	23. Chenzinski-Plehn's stain.....	.70
9. Formaldehyde alcohol.....	.30	24. Ehrlich-three-color mixture for eosinophile cells.....	1.20
10. Bichloride alcohol.....	.30	25. Ehrlich's three-color mixture for three acid neurophile cells.....	.90
11. Wood alcohol, com.....	.20	26. Eosine hæmatoxyline for blood.....	1.00
12. Wood alcohol, c. p.....	.30	27. Giemsa stain (azurblue-Eosin).....	1.50
13. Alcohol, absolute.....	.30	28. Wright's stain.....	.50
14. Chromic acid.....	.30		
15. Zenker's fluid.....	.30		



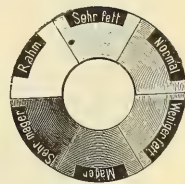
A/-6032



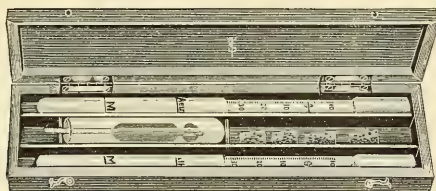
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A/-6044



A/-6050

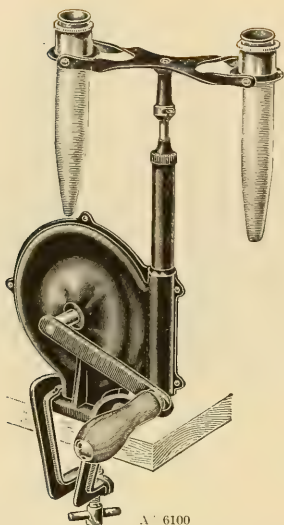


A/-5056

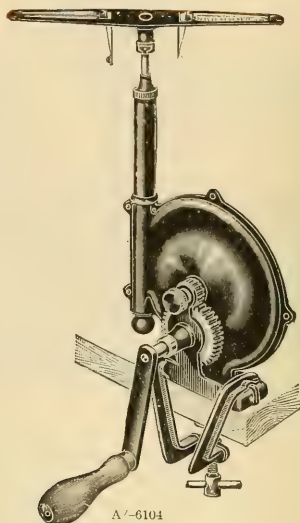
### Examination of Milk

	Each
A/-6032 Araeometer, for determining specific gravity of milk.....	\$ .70
A/-6038 Eichhorn's Araeo-Picnometer.....	3.75
A/-6044 Holt's Lactometer, for testing human milk, with 2 graduated stoppered cylinders and araecometer, in case.....	1.50
A/-6050 Heeren's Pioscope, Optical Milk Tester, for approximate tests.....	.60
A/-6056 Conrad's Set, for examining human milk, consists of 2 Lacto-Butyrometers, Araeometer and reagent paper, in case.....	2.25

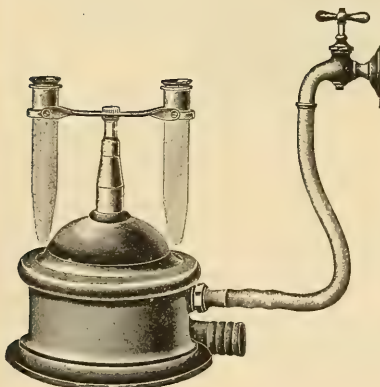
See also Centrifugal Apparatus and Accessories, page 1130 to 1132.



A/-6100



A/-6104



A/-6106

### Centrifugal Apparatus

Each

A/-6100 Kny-Scheerer Co.'s Centrifuge, improved pattern, single speed, with clamp, 2 aluminum tube holders and 1 each plain and graduated urine test tubes, in wooden box, weight 2 pounds. . . . . \$ 8.00

A/-6104 Same, double speed, 12,000 revolutions per minute, with clamp, 2 aluminum tube holders, 1 each plain and graduated urine test tubes and hæmatocrit, in wooden box, weight 2¼ pounds. . . . . 13.75

Double Speed Attachment only, for use with A/-6100. . . . . 2.75

A/-6106 Water Motor Centrifuge, with aluminum tube holders and 1 each plain and graduated test tubes; with each apparatus are included 4 feet pressure rubber tubing and connection. . . . . 10.50

This apparatus can be attached to any ordinary faucet, the speed being controlled by the water pressure.





A/-6112-24

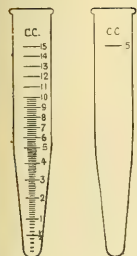


A/-6130-36  
Showing apparatus with 4-tube attachment



## Centrifugal Apparatus

(Continued)



A/-6172

A/-6178

- |  | Each    |
|--|---------|
| A/-6112 Electric Centrifuge, with rheostat, for varying speeds, for direct current, 110 volts.....                 | \$26.00 |
| A/-6118 Electric Centrifuge, with rheostat, for varying speeds, for direct current, 220 volts.....                 | 27.50   |
| A/-6124 Electric Centrifuge, with rheostat, for varying speeds, for alternating current, 110 volts, 60 cycles..... | 26.00   |

For the examination of urine, milk, sputum, blood, water, etc. Furnished with two-tube attachment, including 1 graduated and 1 plain 15 cc. urine test tube with 6 feet of connecting cord and attachment plug.

For 4-tube attachment add \$3.00 to above prices.

When ordering please state voltage and if for alternating current also number of cycles.

- |   |       |
|---|-------|
| A/-6130 Electric Centrifuge with protective shell and speed controller, for currents of 110 volts, either direct or alternating.....  | 35.00 |
| A/-6136 Electric Centrifuge, with protective shell and speed controller, for currents of 220 volts, either direct or alternating..... | 38.50 |

For 4-tube attachment add \$3.00 to above prices.

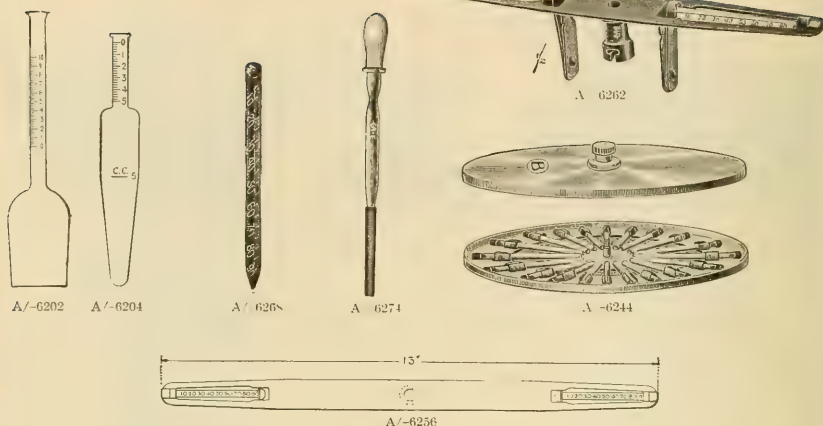
This apparatus consists of a universal motor, designed to operate from the direct and alternating current circuits. It is made of steel punchings, wound for highest possible electrical efficiency, mounted in aluminum case of very handsome appearance. A protective bowl of aluminum with hinged cover protects the operator. The easy starting of the apparatus overcomes any possible spilling of liquids.

It is regularly fitted with two-tube attachment for urine analysis, including graduated and a plain 15 cc. urine test tube, 6 feet conducting cords and attachment plug constitute a complete equipment.

## Accessories

### (a) For Urinary Examination

- |   |       |
|---|-------|
| *A/-6148 Attachment for 2 tubes, including aluminum shields and 1 each graduated and plain glass tubes, for electric centrifuge only..... | 4.00  |
| *A/-6154 Attachment for 4 tubes, including aluminum shields, 3 graduated and 1 plain glass tube, for electric centrifuge only.....        | 5.00  |
| *A/-6160 Attachment for 12 tubes, hospital size, including aluminum shields but no glassware, for electric centrifuge only.....           | 15.00 |
| *A/-6166 Aluminum Shields, extra.....   | .40   |
| A/-6172 Glass Tube 15cc., graduated from 0 to 10 cc.....  | .35   |
| A/-6178 Glass Tube, plain.....  | .15   |



## Centrifugal Apparatus—Accessories

(Continued)

### (b) For Milk Examination

	Each
*A/-6190 Babcock Attachment for 2 bottles, for 10% fat, without bottles, for electric centrifuge only . .	\$ 4.00
*A/-6196 Babcock Attachment for 4 bottles, for 10% fat, for use with "Shell Type Centrifuge" only, without bottles, for electric centrifuge only . . . . .	7.00
A/-6202 Babcock Milk Bottle, for 10% fat, for electric centrifuge only, dozen . . . . .	3.00
A/-6204 Plain Milk Bottle, graduated, for hand centrifuge . . . . .	.50
*A/-6208 Greiner's Automatic Pipette, 17.5 cc., for milk . . . . .	.75
*A/-6214 Greiner's Automatic Pipette, 17.5 cc., for acid . . . . .	.75
*A/-6220 Volumetric Pipette, 17.5 cc., for milk . . . . .	.50
*A/-6226 Measuring Cylinder, 17.5 cc., for acid . . . . .	.20
*A/-6232 Milk Percentage Tube, for determination of fat in breast and cows' milk, used in the Babcock as well as in the Leffman & Beam test in connection with the urine attachment . . . . .	.50
*A/-6238 Pipette for filling milk tubes . . . . .	.20
A/-6244 Attachment for estimating the percentage of pus cells, bacteria and insoluble matter contained in milk, according to Dr. A. H. Stewart, with 20 glass tubes and rubber stoppers . . . . .	10.00
*A/-6250 Glass Tube, extra, for same, each, .25 . . . . .dozen	2.50

### (c) For Blood Examination

A/-6256 Hæmatocrit Attachment, for the examination of blood, with 2 percentage and 2 sputum tubes, for electric centrifuge only . . . . .	5.00
A/-6262 Hæmatocrit Attachment, for hand centrifuge . . . . .	3.50
A/-6268 Blood Percentage Tube, with magnifying lens edge, graduated into 100 parts of $\frac{1}{2}$ mm. . . . .	.50
A/-6274 Special Pipette, for filling percentage tubes . . . . .	.35

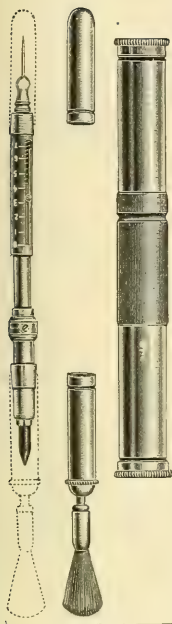
### (d) For Sputum Examination

*A/-6286 Sputum Tube, for use with hæmatocrit attachment, with $2\frac{1}{2}$ mm. bore, ungraduated . . . . .	.25
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### (e) For Water Examination

For precipitation of solids contained in water, the same attachments and glassware as listed under "Urinary Examination" are used with good results.

Special attachments made to order.



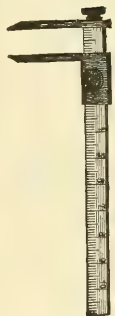
A/-6500



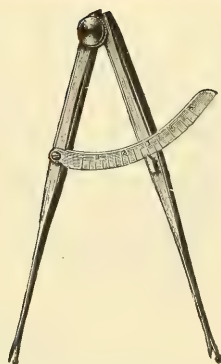
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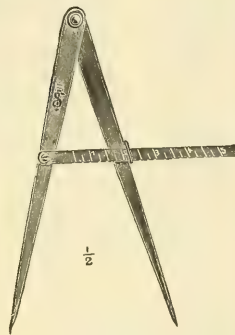
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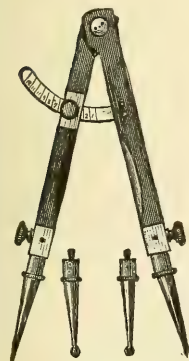
A/-6512



A/-6506



A/-6530



A/-6536

## Examination of Nervous System

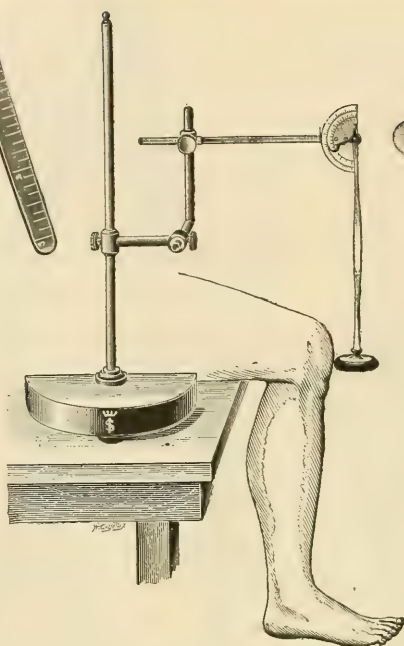
	Each
A/-6500 Auerbach's Aesthesiometer, with dermatograph, in case...	\$ 7.00
Tests sensibility of skin to pressure or pain, to heat or cold.   Circular will be sent upon application.	
A/-6506 Carroll's Aesthesiometer.....	3.00
A/-6512 Eulenburg's Aesthesiometer.....	4.50
A/-6518 Eulenburg's Baraesthesiometer.....	15.00
A/-6524 Frey's Hair Aesthesiometer.....	4.00
A/-6530 Hammond's Aesthesiometer.....	3.00
A/-6536 Leyden's Aesthesiometer.....	7.50



A/-6542



A/-6548



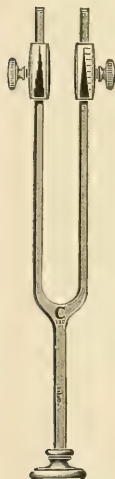
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A/-6560



A/-6566



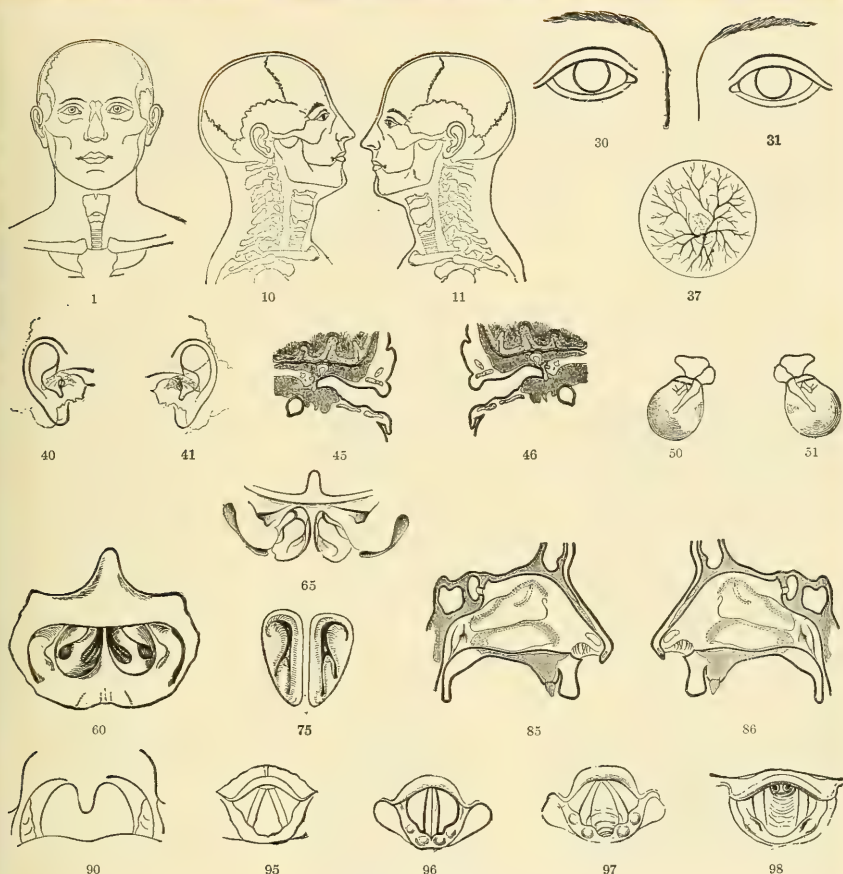
A/-6572

## Examination of Nervous System

(Continued)

	Each
A/-6542 Vance's Aesthesiometer.....	\$ 4.00
A/-6548 Weber's Aesthesiometer.....	5.00
A/-6554 Toulouse and Pierron's Reflexometer, clinical pattern, on base....	20.00
Determines contractive susceptibility of the femoral triceps.	
A/-6560 Taylor's Patellar Reflex Hammer, metal handle.....	1.25
A/-6566 Woodman's Patellar Reflex Hammer, metal handle.....	2.00
A/-6572 Rydel and Seiffer's Tuning Fork, for testing vibratory sensation, sensibility of bones (Pallesthesia), with detachable clamps, 64 and 128 vibrations.....	9.00





### Rubber Stamps

A/-6650 Anatomical Diagrams, for diagnostic and pathological records.

	Each		Each
No. 1 Head, anterior view.....	\$ 1.35	No. 60 Nose, view of rhinoscopia, major.....	\$ 1.00
No. 10 Head, lateral view, right.....	1.35	No. 65 Nose, view of rhinoscopia, posterior....	.90
No. 11 Head, lateral view, left.....	1.35	No. 75 Nostrils, normal condition, right and left.....	.75
No. 30 Eye, right.....	.80	No. 85 Nasal Passage, lateral section, right....	1.25
No. 31 Eye, left.....	.80	No. 86 Nasal Passage, lateral section, left....	1.25
No. 37 Retina.....	.80	No. 90 Palate.....	.80
No. 40 Ear, anterior view, right.....	.80	No. 95 Larynx and Vocal Cords.....	.75
No. 41 Ear, anterior view, left.....	.80	No. 96 Larynx and Vocal Cords, Tuerk's, during phonation.....	.75
No. 45 Inner Ear, sectional view, right.....	.90	No. 97 Larynx and Vocal Cords, Tuerk's, during deep respiration.....	.75
No. 46 Inner Ear, sectional view, left.....	.90	No. 98 Larynx and Vocal Cords, Tuerk's, with posterior wall of bronchus.....	.75
No. 50 Tympanum, with ossicles and corda tympani, right.....	.75		
No. 51 Tympanum, with ossicles and corda tympani, left.....	.75		

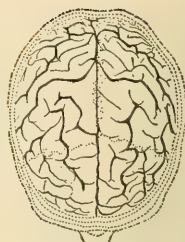
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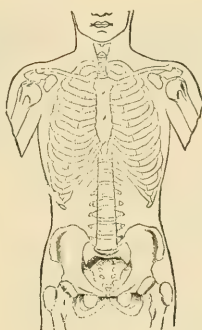
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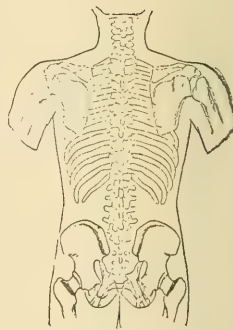
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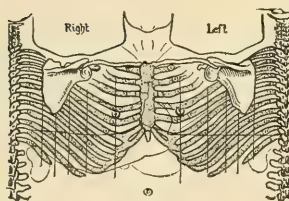
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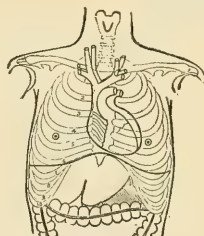
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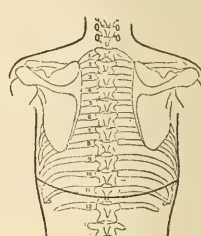
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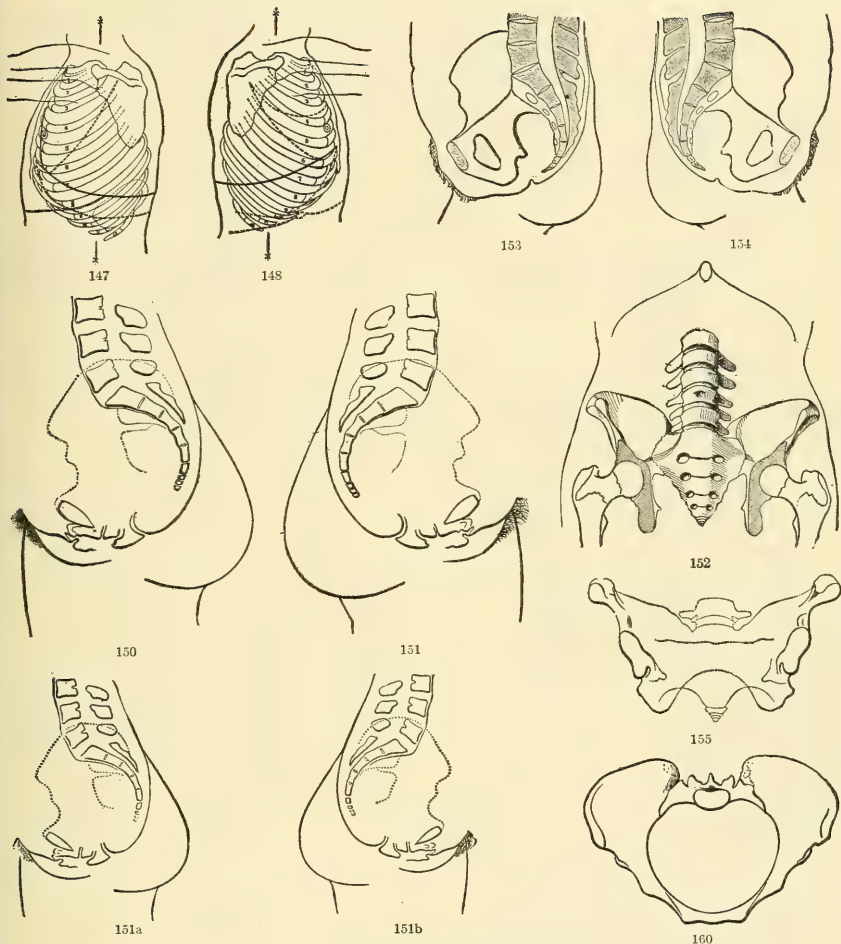
### Rubber Stamps

(Continued)

A/-6650 Anatomical Diagrams, for diagnostic and pathological records.

	Each		Each
No. 110 Brain, vertical section, right.....	\$ 1.25	No. 126 Trunk, posterior view.....	\$ 1.75
No. 111 Brain, vertical section, left.....	1.25	No. 143 Thoracic Diagram, Dr. S. A. Knopf's, frontal, posterior and lateral views..	2.75
No. 115 Brain, horizontal section.....	1.25	No. 145 Thorax, Dr. S. A. Knopf's, anterior view.....	1.50
No. 120 Trunk, lateral view, left side.....	1.50	No. 146 Thorax, Dr. S. A. Knopf's, posterior view.....	1.50
No. 121 Trunk, lateral view, right side.....	1.50		
No. 125 Trunk, anterior view.....	1.75		

Above illustrations are in half size

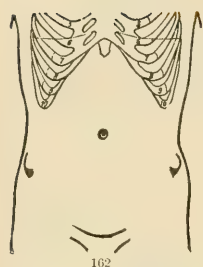


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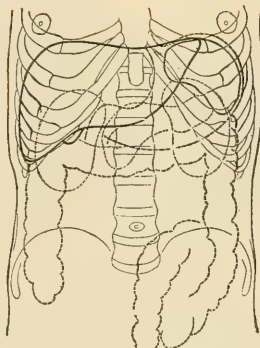
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A/-6650 Anatomical Diagrams, for diagnostic and pathological records.					
No. 147	Thorax, Veillard's, lateral view, left side.....	Each \$ 1.50	No. 151b	Pelvic Cavity, small size, lateral section, left side.....	Each \$ 2.00
No. 148	Thorax, Veillard's, lateral view, right side.....	1.50	No. 152	Pelvis, Dohrn-Rapin's, anterior view.....	2.50
No. 150	Pelvic Cavity, lateral section, right side.....	2.50	No. 153	Pelvic Organs, Dohrn-Rapin's, lateral section, right.....	1.50
No. 151	Pelvic Cavity, lateral section, left side.....	2.50	No. 154	Pelvic Organs, Dohrn-Rapin's, lateral section, left.....	1.50
No. 151a	Pelvic Cavity, small size, lateral section, right side.....	2.00	No. 155	Pelvis, Schultze's, anterior view.....	1.25
			No. 160	Pelvis, Schultze's, horizontal view....	1.25

Above illustrations are in half size



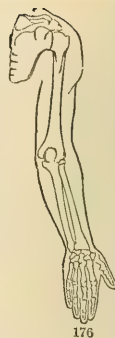
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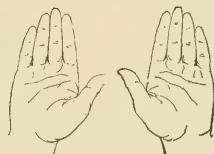
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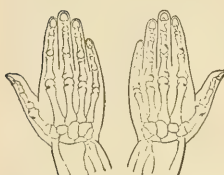
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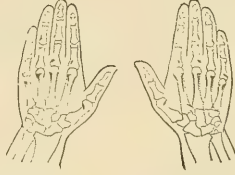
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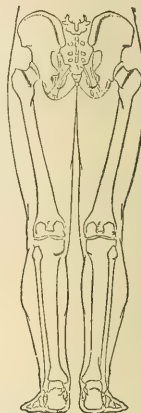
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## Rubber Stamps

(Continued)

A/-6650 Anatomical Diagrams for diagnostic and pathological records.

No.	Description	Each
No. 162	Abdomen, Lauenstein's	\$ 1.75
No. 166	Liver, spleen, stomach, pancreas and intestines, interior view	2.75
No. 175	Arm, posterior view, left	1.25
No. 176	Arm, posterior view, right	1.25
No. 180	Hand, exterior view, right	.90
No. 181	Hand, exterior view, left	.90
No. 185	Hand, interior view, right	.90
No. 186	Hand, interior view, left	.90
No. 190	Hand, with bones, exterior view, right	.90
No. 191	Hand, with bones, exterior view, left	.90
No. 195	Hand, with bones, interior view, right	.90
No. 196	Hand, with bones, interior view, left	.90
No. 200	Pelvis, with lower extremities, anterior view	2.25
No. 201	Pelvis, with lower extremities, posterior view	2.25
No. 205	Pelvis, with lower extremities, lateral view, right	1.75
No. 206	Pelvis, with lower extremities, lateral view, left	1.75

Above illustrations are in half size





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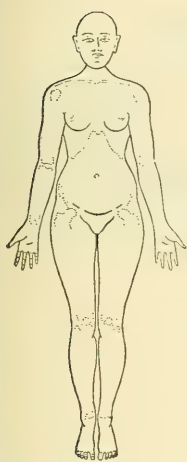
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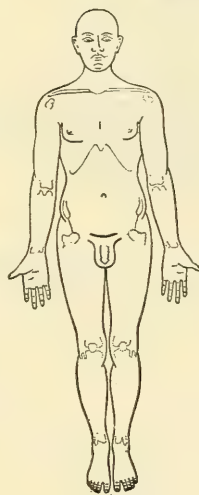
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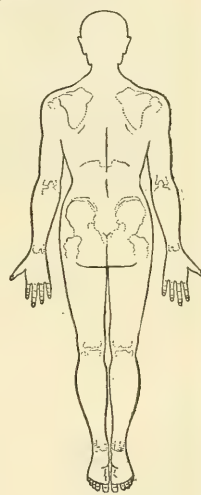
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## Rubber Stamps

(Continued)

A/-6650 Anatomical Diagrams for diagnostic and pathological records.

Anatomical Diagrams for diagnostic and pathological records.					
	Each		Each		
No. 210	Foot, lateral interior view, right.....	\$ 1.00	No. 225	Foot, seen from above, right.....	\$ 1.00
No. 211	Foot, lateral interior view, left.....	1.00	No. 226	Foot, seen from above, left.....	1.00
No. 215	Foot, lateral exterior view, right.....	1.00	No. 240	Female Body, anterior view.....	2.25
No. 216	Foot, lateral exterior view, left.....	1.00	No. 241	Female Body, posterior view.....	2.25
No. 220	Foot, seen from below, right.....	1.00	No. 245	Male Body, anterior view.....	2.25
No. 221	Foot, seen from below, left.....	1.00	No. 246	Male Body, posterior view.....	2.25

Above illustrations are in half size



A/-7000-02



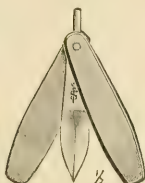
A/-7025-27



A/-7004



A/-7008



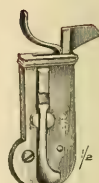
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A/-7033



A/-7045



A/-7048



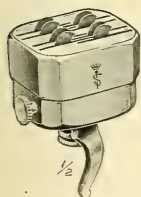
A/-7015



A/-7017

## Lancets

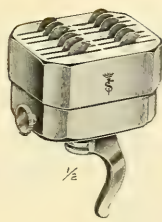
	Each
A/-7000 Abscess Lancet, folding, hard rubber handle.....	\$ .40
A/-7002 Abscess Lancet, folding, shell handle.....	.75
A/-7004 Abscess Lancet, folding, metal handle.....	.60
A/-7008 Abscess Lancet, fixed metal handle.....	.60
A/-7015 Abscess Lancet, reversible, pencil metal case.....	1.50
A/-7017 Abscess Lancet, double edged, reversible, pencil metal case.....	1.50
A/-7025 Thumb Lancet, folding, hard rubber handle.....	.40
A/-7027 Thumb Lancet, folding, shell handle.....	.75
A/-7029 Thumb Lancet, folding, metal handle.....	.60
A/-7033 Thumb Lancet, fixed metal handle.....	.60
A/-7045 Spring Lancet, plain, in case.....	.75
A/-7048 Spring Lancet, fine, in case.....	1.75



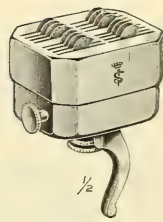
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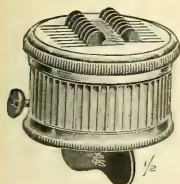
A/-7066-69



A/-7072-75



A/-7078-S1



A/-7085



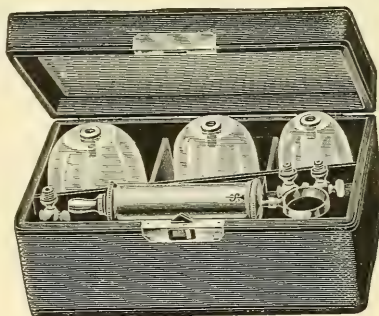
A/-7100



A/-7108



A/-7104



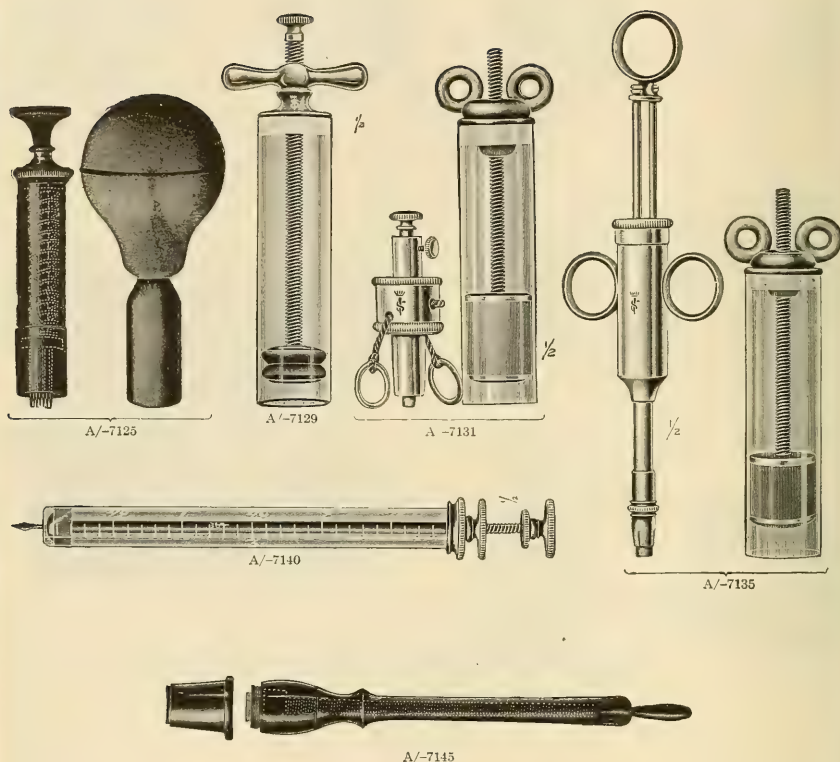
A/-7112

### Scarificators

	Each
A/-7060 Scarificator, 8 blades, plain.....	\$ 3.50
A/-7063 Scarificator, 8 blades, reversible.....	3.75
A/-7066 Scarificator, 10 blades, plain.....	3.75
A/-7069 Scarificator, 10 blades, reversible.....	4.00
A/-7072 Scarificator, 12 blades, plain.....	4.00
A/-7075 Scarificator, 12 blades, reversible.....	4.25
A/-7078 Scarificator, 16 blades, plain.....	4.25
A/-7081 Scarificator, 16 blades, reversible.....	4.50
A/-7085 Scarificator, 16 blades, English pattern, reversible.....	6.00

### Cupping Cups

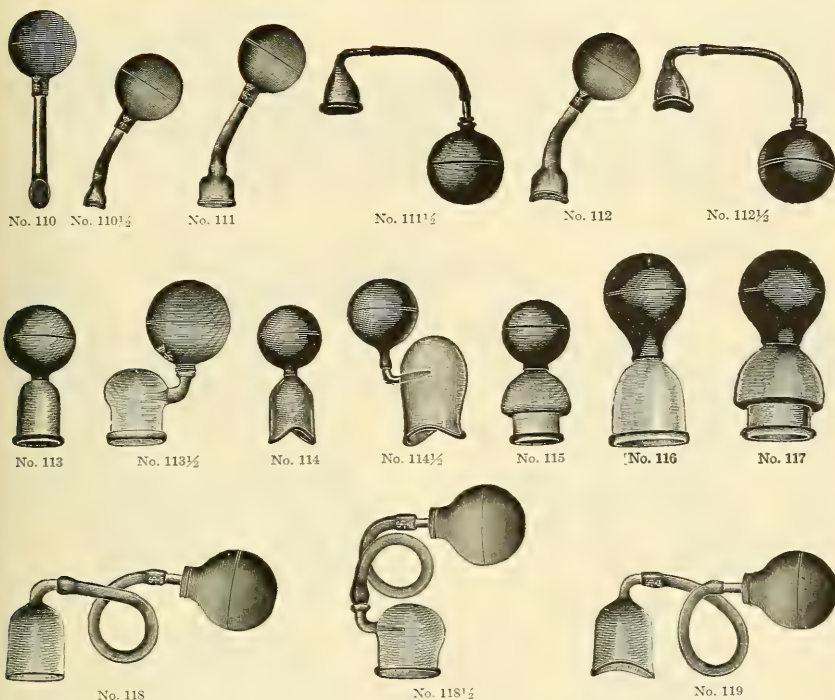
A/-7100 Cupping Cup, glass, 3 sizes.....	.15
A/-7104 Cupping Cup, glass, with stopcock, 3 sizes.....	1.25
A/-7108 Cupping Cup, soft rubber, 3 sizes.....	1.50
A/-7112 Cupping Set, 3 glass cupping cups, with stopcocks and suction pump, in case.....	5.50



### Artificial Leeches

	Each
A/-7125 <b>Bacon's</b> Artificial Leech, with cupping cup.....	\$ 5.50
A/-7129 <b>Heurteloup's</b> Artificial Leech, aseptic pattern, with boilable soft rubber piston.....	1.50
A/-7131 <b>Heurteloup's</b> Artificial Leech, with cutter, in leather case.....	4.50
A/-7135 <b>Luer's</b> Artificial Leech, with cutter, in leather case.....	6.50
A/-7140 <b>Reese's</b> Artificial Leech.....	4.50
A/-7145 <b>Baunscheidt's</b> Instrument (Lebens-Wecker).....	1.75
*A/-7147 Oil for Baunscheidt's method.....	.60

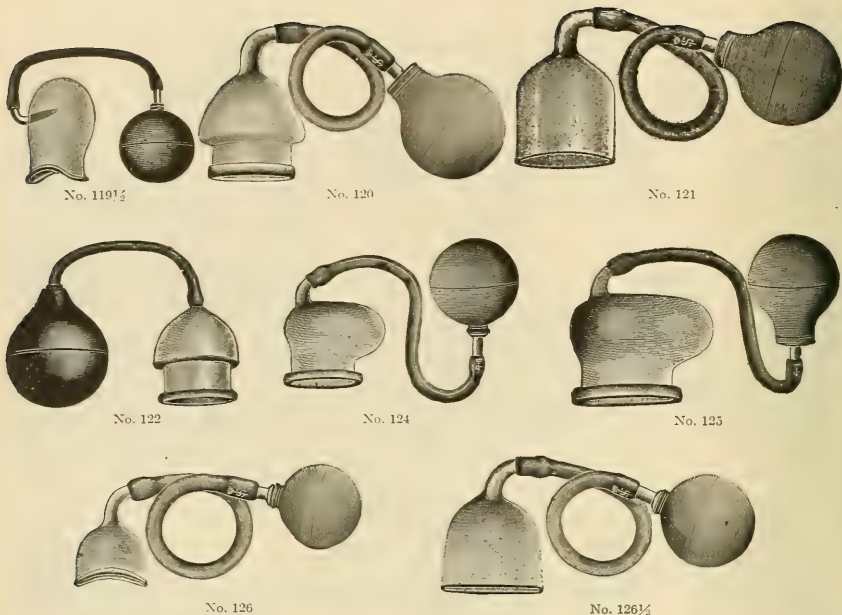




### Vacuum Cups

A/-7175 **Bier's** Glass Cups, for the induction of artificial hyperemia in the treatment of inflammatory diseases, are supplied in the following patterns:

	Each		Each
No. 110 For the gums, 2 sizes.....	\$ .60	No. 114½ For high furuncle, ¾ inch.....	\$1.10
No. 110½ For stytes, 2 sizes.....	.60	1¼ inches.....	1.35
No. 111 For furuncle on the face, 2 sizes....	.60	1½ inches.....	1.50
No. 111½ For the face, 2 sizes.....	1.15	No. 115 For high furuncle, 1 inch.....	.95
No. 112 For furuncle on the lips, 2 sizes....	.65	1¼ inches.....	1.15
No. 112½ For the lips, 2 sizes.....	1.35	1½ inches.....	1.35
No. 113 For furuncles, 1 inch.....	.80	No. 116 For carbuncles, 2 inches.....	1.85
1¼ inches.....	.95	2¾ inches.....	2.00
1½ inches.....	1.15	No. 117 For carbuncles, 2 inches.....	2.00
No. 113½ For furuncles, 1 inch.....	.95	2¾ inches.....	2.15
1¼ inches.....	1.15	No. 118 For furuncles, 1 inch.....	1.25
1½ inches.....	1.35	1¼ inches.....	1.40
No. 114 For high furuncle, ¾ inch.....	.95	1½ inches.....	1.50
1¼ inches.....	1.15	No. 118½ For furuncles, 1 inch.....	1.50
1½ inches.....	1.35	1¼ inches.....	1.75
No. 114½ For high furuncle, ¾ inch.....	.95	1½ inches.....	2.00
1¼ inches.....	1.15	No. 119 For furuncles, ¾ inch.....	1.40
1½ inches.....	1.35	1¼ inches.....	1.60
		1½ inches.....	1.80

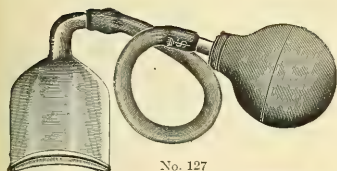


## Vacuum Cups

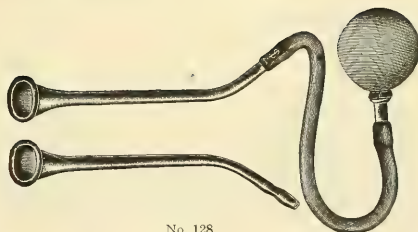
(Continued)

A/-7175 **Bier's Glass Cups**, for the induction of artificial hyperemia in the treatment of inflammatory diseases, are supplied in the following patterns:

	Each		Each
No. 119½ For high furuncles, ¾ inch.....	\$ 1.50	No. 126 For multiple furuncles:	
1¼ inches.....	1.75	3⁄8 x 1¼ inches.....	\$ 1.30
1½ inches.....	2.00	3⁄8 x 1½ inches.....	1.45
No. 120 For furuncles, 1 inch.....	1.35	¾ x 2 inches.....	1.75
1¼ inches.....	1.50	¾ x 2¼ inches.....	2.00
1½ inches.....	1.75	1 x 2⅝ inches.....	2.25
No. 121 For carbuncles and abscesses:		1 x 2¾ inches.....	2.50
2 inches.....	2.00	1⅜ x 2⅝ inches.....	2.75
2⅜ inches.....	2.25	1⅜ x 2¾ inches.....	3.00
No. 122 For carbuncles and abscesses:		No. 126½ For multiple furuncles:	
2 inches.....	2.65	3⁄8 x 1¼ inches.....	1.30
2⅜ inches.....	2.80	3⁄8 x 1½ inches.....	1.45
No. 124 For furuncles, 1½ inches.....	2.35	¾ x 2 inches.....	1.75
1¾ inches.....	2.65	¾ x 2¼ inches.....	2.00
No. 125 For carbuncles and abscesses, 2⅜		1 x 2⅝ inches.....	2.25
inches.....	3.00	1 x 2¾ inches.....	2.50
		1⅜ x 2⅝ inches.....	2.75
		1⅜ x 2¾ inches.....	3.00



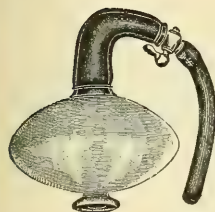
No. 127



No. 128



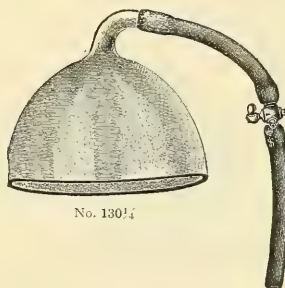
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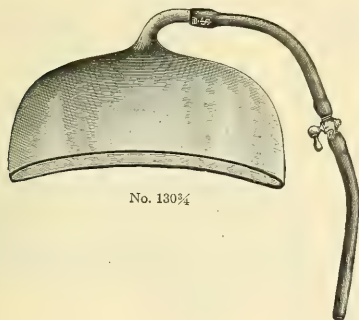
No. 130



No. 131



No. 130 1/4



No. 130 3/4



No. 130 1/2

## Vacuum Cups

(Continued)

A/-7175 **Bier's Glass Cups**, for the induction of artificial hyperemia in the treatment of inflammatory diseases, are supplied in the following patterns:

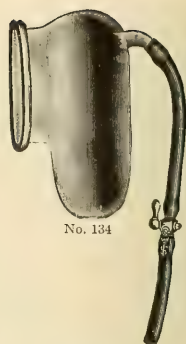
	Each		Each
No. 127 For buboes, 2 inches.....	\$ 2.00	No. 130 1/4 For spondylitis, 2 1/4 x 5 1/4 inches.....	3.25
2 3/4 inches.....	2.25	3 1/2 x 5 1/2 inches.....	3.50
2 1/2 inches.....	2.50	4 x 6 inches.....	3.75
No. 128 For tonsils, 6 sizes, right and left, choice of set of 2 of the 3 smallest sizes with bulb.....	1.75	4 3/4 x 6 inches.....	4.00
Choice of set of 2 of the 3 larger sizes with bulb.....	2.00	2 x 4 inches.....	2.75
Following patterns for use with metal pump No. 300 to 304 unless otherwise specified:		2 x 4 1/2 inches.....	3.00
No. 130 For isolated fistula channel.....	2.25	2 3/4 x 5 inches.....	3.25
No. 130A For fistulous ulcers, 1 1/4 inches.....	3.00	3 x 5 1/2 inches.....	3.50
1 1/2 inches.....	3.15	4 x 6 inches.....	3.75
2 inches.....	3.35	4 3/4 x 6 inches.....	4.00
No. 130 1/4 For spondylitis, 2 x 4 inches.....	2.75	4 3/4 x 6 inches.....	4.50
2 3/8 x 4 1/2 inches.....	3.00	No. 130 3/4 For chest and back, 5 x 7 inches.....	2.25
		No. 131 For large abscesses, 2 1/4 inches.....	2.50
		3 1/2 inches.....	2.75
		3 3/8 inches.....	2.75



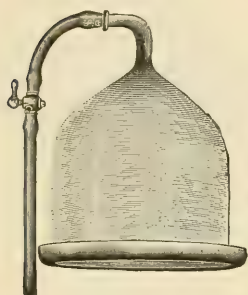
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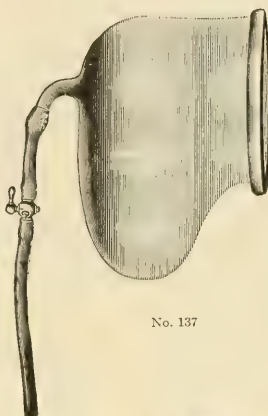
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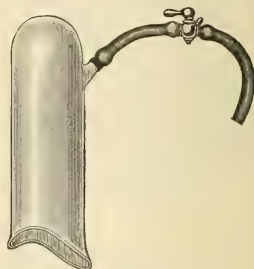
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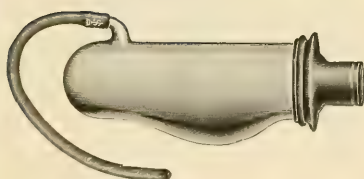
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No. 137



No. 141 1/2



No. 138



No. 140

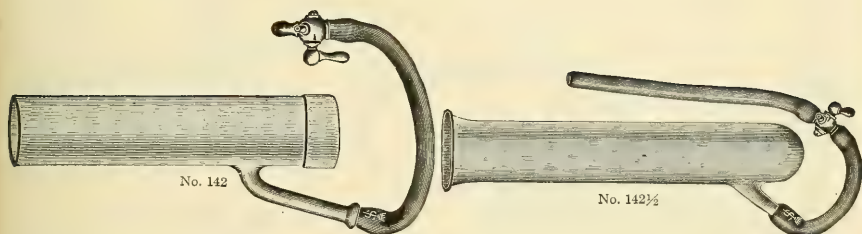
## Vacuum Cups

(Continued)

A/-7175 **Bier's Glass Cups**, for the induction of artificial hyperemia in the treatment of inflammatory diseases, are supplied in the following patterns:

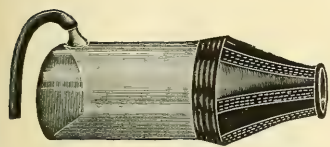
	Each		Each
No. 132 For large abscesses, 2 1/2 inches.....	\$ 2.50	No. 136 For mastitis, 4 3/4 inches.....	\$ 3.25
2 3/4 inches.....	2.75	6 inches.....	3.50
3 1/4 inches.....	3.00	No. 137 For mastitis, 4 3/4 inches.....	3.50
No. 133 1/2 For large abscesses, 3 1/2 inches.....	3.00	4 3/4 inches.....	3.75
3 1/2 inches.....	3.25	5 inches.....	4.00
No. 134 For large abscesses, 3 1/4 inches.....	3.25	No. 138 For fingers or toes.....	2.15
3 1/2 inches.....	3.50	No. 140 For gonorrhœa.....	2.65
No. 136 For mastitis, 4 inches.....	3.00	No. 141 1/2 For gonorrhœa.....	2.50





No. 142

No. 142½



No. 143



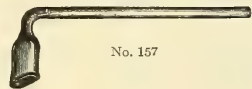
No. 153



No. 154



No. 156



No. 157

### Vacuum Cups

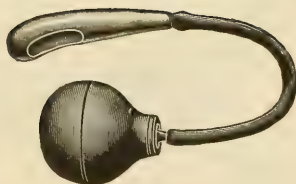
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A/-7175 **Bier's Glass Cups**, for the induction of artificial hyperemia in the treatment of inflammatory diseases, are supplied in the following patterns:

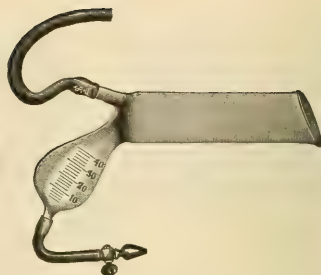
	Each		Each
No. 142 For portio vaginalis, 2 sizes, 1½ and 1½ inches.....	\$ 3.50	No. 154 For furuncles on lower jaw, with bulb, 1¼ inches.....	\$ 1.75
No. 142½ For portio vaginalis.....	2.00		1½ inches..... 2.00
No. 143 For the hand, adult size.....	6.00	No. 156 For retro-pharyngeal abscesses, with bulb.....	2.00
	adult size, extra large 7.50	No. 157 For tonsilitis, with bulb:	
No. 153 For the nose, with pump.....	4.75		1/8 x 1/2 inch..... 2.00
No. 154 For furuncles on lower jaw, with bulb, 1 inch.....	1.60		1/8 x 3/16 inch..... 2.00
			3/8 x 3/4 inch..... 2.00



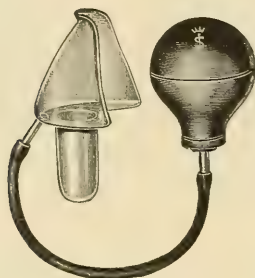
No. 158



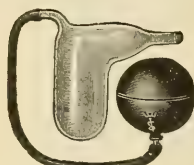
No. 159



No. 175



No. 288



No. 290



No. 300



No. 302-04

## Vacuum Cups

(Continued)

A/-7175 **Bier's** Glass Cups, for the induction of artificial hyperemia in the treatment of inflammatory diseases, are supplied in the following patterns:

	Each		Each
No. 158 For the socket of the eye, with bulb. .	\$ 1.75	No. 302 Suction Pump, medium.....	\$ 3.25
No. 159 For the prostate, metal, with bulb. .	5.00	No. 304 Suction Pump, large.....	4.00
No. 175 For the uterus, 3 sizes, 1½, 1½ and 1¾ inches. ....	3.75	No. 360 Soft Rubber Bulbs, 1½ inches. ....	.40
No. 288 For the nose, with bulb.....	5.00	1¾ inches. ....	.75
No. 290 For the ear, with bulb.....	2.25	2 inches. ....	1.00
No. 300 Suction Pump, small, with 3 rings and spring.....	2.50	2¼ inches. ....	1.25
		2½ inches. ....	1.50
		2¾ inches. ....	1.75



A/-7200-02



A/ 7204



A/-7210-12



A/-7214



A/-7220



A/-7222



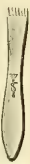
A/ 7255



A/-7230



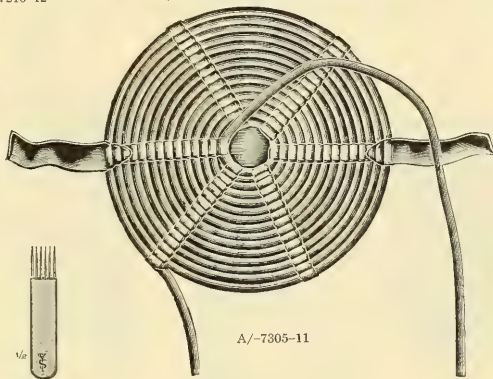
A/-7232



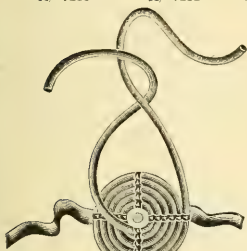
A/-7240



A/-7245



A/-7305-11



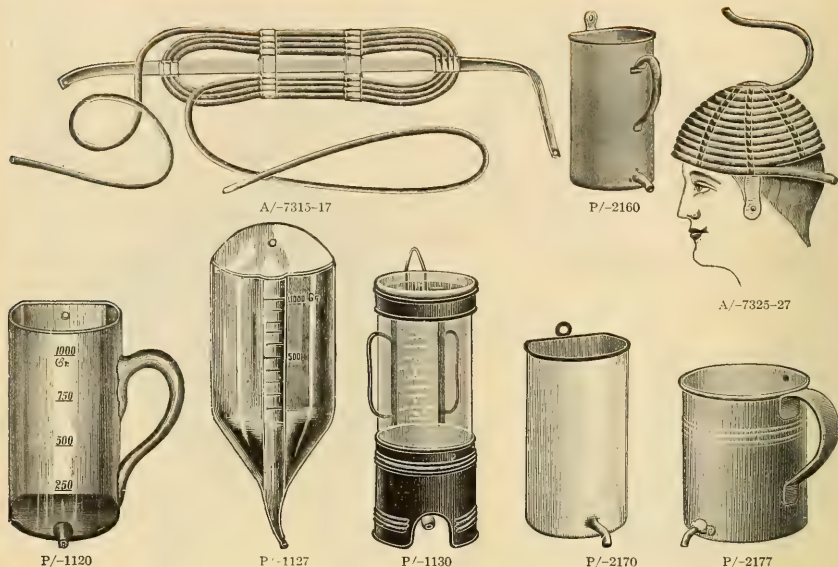
A/-7300

### Vaccinating Lancets

	Each
A/-7200 Vaccinating Lancet, spear pointed, folding, hard rubber handle.....	\$ .50
A/-7202 Vaccinating Lancet, spear pointed, folding, shell handle.....	.75
A/-7204 Vaccinating Lancet, spear pointed, folding, metal handle.....	.60
A/-7210 Vaccinating Lancet, broad pointed, folding, hard rubber handle.....	.50
A/-7212 Vaccinating Lancet, broad pointed, folding, shell handle.....	.75
A/-7214 Vaccinating Lancet, broad pointed, folding, metal handle.....	.60
A/-7220 Vaccinating Lancet, with comb, folding, hard rubber handle.....	.70
A/-7222 Vaccinating Lancet, with comb, folding, metal handle.....	.80
A/-7230 Vaccinating Lancet, with thumb lancet, folding, hard rubber handle.....	.90
A/-7232 Vaccinating Lancet, with thumb lancet, folding, metal handle.....	1.00
A/-7240 Plain Vaccinator.....	.25
A/-7245 Carroll's Vaccinator.....	.25
A/-7255 Pirquet's Vaccinator, platinum point, reversible.....	3.50

### Water Coils

A/-7300 Water Coil, soft rubber, round, 4½ inches, for the heart.....	2.25
A/-7305 Water Coil, soft rubber, round, 7 inches, for the abdomen.....	2.75
A/-7307 Water Coil, soft rubber, round, 8½ inches, for the abdomen.....	3.25
A/-7309 Water Coil, soft rubber, round, 10 inches, for the abdomen.....	3.75
A/-7311 Water Coil, soft rubber, round, 11½ inches, for the abdomen.....	4.00



## Water Coils

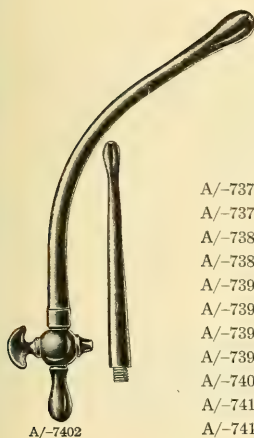
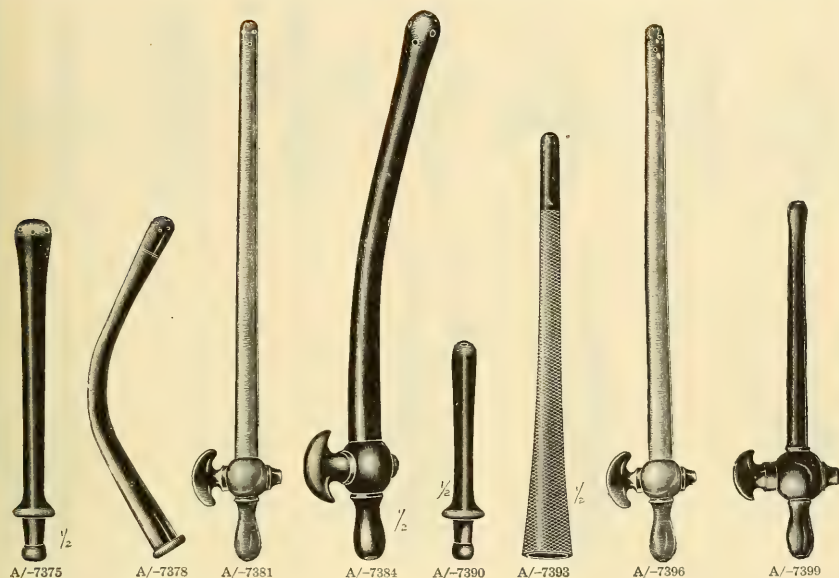
(Continued)

	Each
A/-7315 Water Coil, soft rubber, oval, 4 x 7½ inches, for the neck.....	\$ 2.75
A/-7317 Water Coil, soft rubber, oval, 7 x 10½ inches, for the neck.....	3.25
A/-7325 Water Coil, soft rubber, small, for the head.....	3.50
A/-7327 Water Coil, soft rubber, large, for the head.....	4.25

## Irrigators

P/-1120 Irrigators, glass, mug shape, with handle,		
Plain, not graduated, 1 quart.....	\$ .95;	1.00
1½ quarts.....	1.00	1.20
2 quarts.....	1.20	1.35
3 quarts.....	1.75	1.90
P/-1127 Irrigators, glass, funnel shaped, graduated, 1 quart.....		1.00
1½ quarts.....		1.15
2 quarts.....		1.25
3 quarts.....		1.90
P/-1130 Irrigators, glass, in nickel-plated graduated frame, 1 quart.....		.80
2 quarts.....		1.15
3 quarts.....		1.70
P/-2160 Irrigators, white enameled, seamless, with handle in front, 1 quart.....		.75
2 quarts.....		1.00
3 quarts.....		1.25
4 quarts.....		1.50
P/-2170 Irrigators, white enameled, seamless, without handle, 1 quart.....		.65
2 quarts.....		.90
3 quarts.....		1.15
4 quarts.....		1.30
P/-2177 Irrigators, white enameled, seamless, round pattern, with handle, 3 quarts.....		1.25

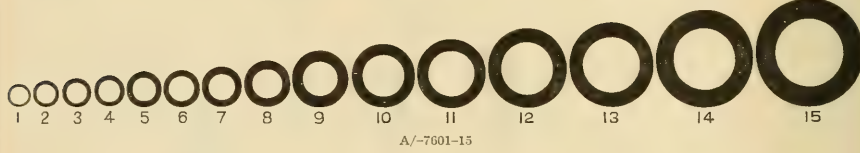
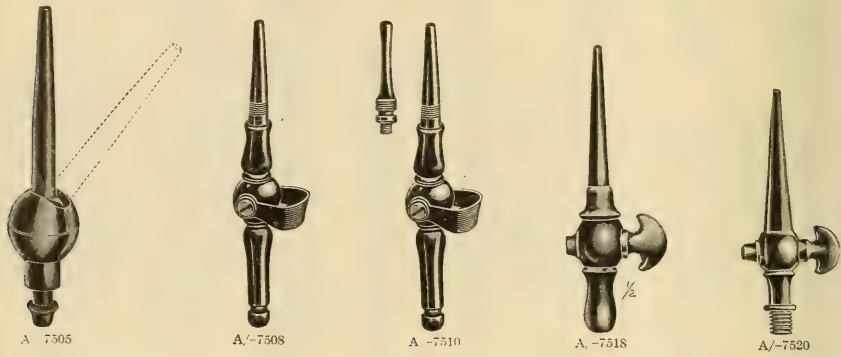
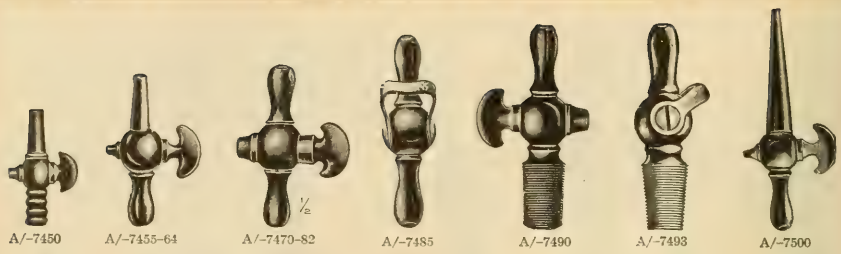




### Irrigating Pipes

	Each
A/-7375 Vaginal Pipe, hard rubber, straight.....	\$ .15
A/-7378 Vaginal Pipe, hard rubber, curved.....	.20
A/-7381 Vaginal Pipe, soft rubber, with hard rubber stopcock.....	1.00
A/-7384 Vaginal Pipe, hard rubber, with stopcock.....	.60
A/-7390 Rectal Pipe, hard rubber.....	.15
A/-7393 Rectal Pipe, elastic web.....	.60
A/-7396 Rectal Pipe, soft rubber, with hard rubber stopcock.....	.90
A/-7399 Vaginal Pipe, hard rubber, with stopcock.....	.60
A/-7402 Rectal and Vaginal Pipes, combined with stopcock.....	1.10
A/-7410 U-Tube, hard rubber to prevent rubber tubing from kinking.....	.20
A/-7415 Sinker, lead filled.....	.25

THE KENT-ROBERTS IRRIGATOR CO. NEW YORK



### Stopcocks

	Each		Each
A -7450 Stopcock, hard rubber, very small.....	\$ .30	A -7482 Stopcock, hard rubber, double olive ends, 2 3/4 inches, extra heavy.....	\$ .75
A/-7455 Stopcock, hard rubber, conical tip and olive end, 1 3/4 inches.....	.30	A -7485 Stopcock, hard rubber, double olive ends, 2 3/4 inches, with metal shut-off.....	.60
A/-7458 Stopcock, hard rubber, conical tip and olive end, 1 3/4 inches.....	.35	A/-7490 Stopcock, hard rubber, olive and threaded ends, 3 inches.....	.60
A/-7461 Stopcock, hard rubber, conical tip and olive end, 2 1/4 inches.....	.40	A/-7493 Stopcock, hard rubber, olive and threaded ends, 3 1/4 inches, with metal shut-off.....	.70
A/-7464 Stopcock, hard rubber, conical tip and olive end, 2 3/4 inches.....	.50	A/-7500 Stopcock, hard rubber, olive and long conical end Edebohls' Stopcock, hard rubber, ball and socket movement.....	.75
A/-7470 Stopcock, hard rubber, double olive ends, 1 1/4 inches.....	.35	A/-7505 Esmarch's Stopcock, hard rubber, with metal shut-off.....	.90
A/-7473 Stopcock, hard rubber, double olive ends, 2 1/4 inches.....	.40	A/-7508 Esmarch's Stopcock, hard rubber, with metal shut-off and 2 tips.....	1.00
A/-7476 Stopcock, hard rubber, double olive ends, 2 3/4 inches.....	.45	A/-7518 Van Buren's Stopcock, hard rubber, long slender tip.....	.50
A/-7479 Stopcock, hard rubber, double olive ends, 2 3/4 inches.....	.50		
A/-7520 Van Buren's Stopcock, hard rubber, long slender tip, screw thread.....	.60		

### Pure Gum Rubber Tubing

	Per Foot		Per Foot
A -7601 Pure Gum Rubber Tubing, marbelized, No. 1.....	\$ .05	A/-7608 Pure Gum Rubber Tubing, marbelized, No. 8.....	\$ .18
A/-7602 Pure Gum Rubber Tubing, marbelized, No. 2.....	.06	A/-7609 Pure Gum Rubber Tubing, marbelized, No. 9.....	.25
A/-7603 Pure Gum Rubber Tubing, marbelized, No. 3.....	.07	A/-7610 Pure Gum Rubber Tubing, marbelized, No. 10.....	.30
A -7604 Pure Gum Rubber Tubing, marbelized, No. 4.....	.08	A/-7611 Pure Gum Rubber Tubing, marbelized, No. 11.....	.35
A/-7605 Pure Gum Rubber Tubing, marbelized, No. 5.....	.09	A/-7612 Pure Gum Rubber Tubing, marbelized, No. 12.....	.40
A/-7606 Pure Gum Rubber Tubing, marbelized, No. 6.....	.10	A/-7613 Pure Gum Rubber Tubing, marbelized, No. 13.....	.45
A/-7607 Pure Gum Rubber Tubing, marbelized, No. 7.....	.12	A -7614 Pure Gum Rubber Tubing, marbelized, No. 14.....	.60
A/-7615 Pure Gum Rubber Tubing, marbelized, No. 15.....	.75		

WARRANTEE

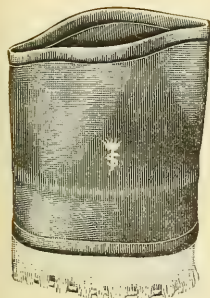
## *Section Two*



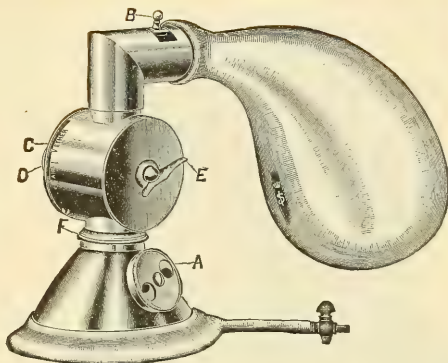
General Operating Instruments  
Anaesthesia, Amputating, Bone, Cranium  
Fracture, Intestine, Rectum and  
Dressing Instruments  
Aspirators and Syringes







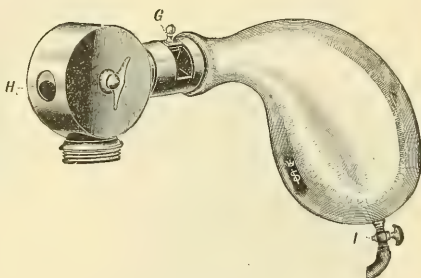
B/-2



B/-20 Ether Inhaler



B/-8



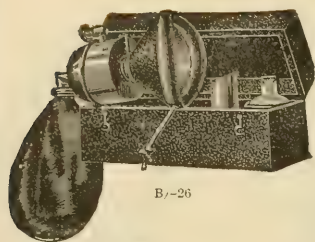
B/-20 Gas Attachment



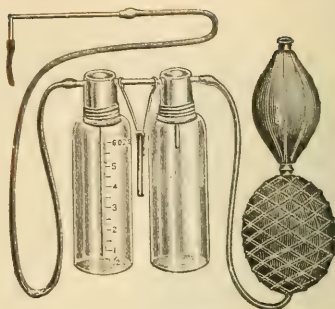
B/-22

### Chloroform, Ether and Gas Inhalers

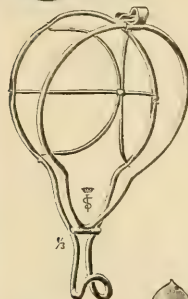
	Each
B/- 2 Allis' Inhaler, with soft rubber hood.....	\$ 2.50
B/- 8 Allis' Inhaler, with aseptic metal cover and inflatable cushion.....	3.00
B/-20 Bennett's Inhaler, combined for ether and nitrous-oxide gas, in case....	50.00
Without case.....	45.00
Illustrated pamphlet upon application.	
B/-22 Bennett's Inhaler, adaptable for patient's use in obstetric cases.....	1.00



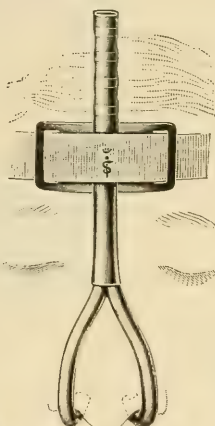
B/-26



B/-25



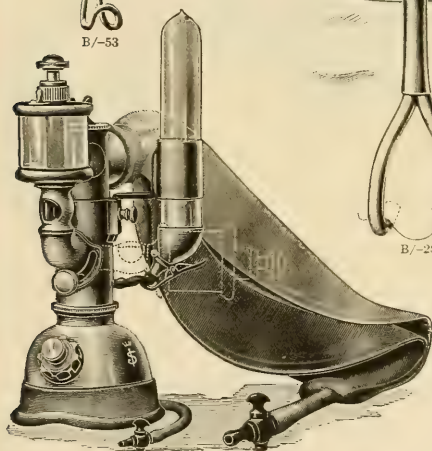
B/-53



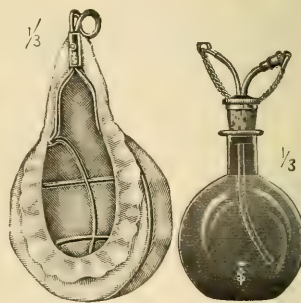
B/-28



B/-27



B/-30

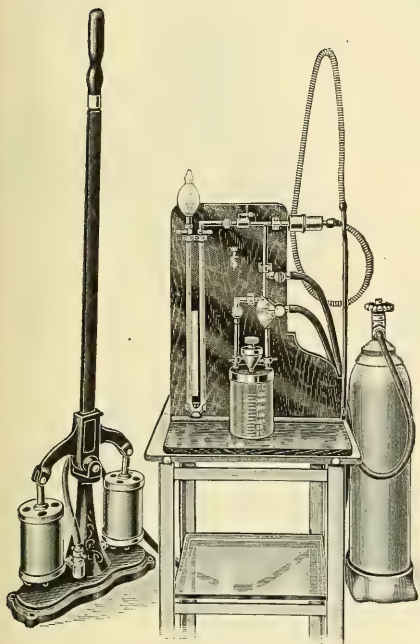


B/-50

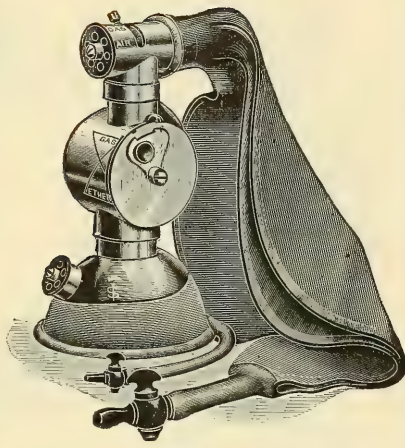
## Chloroform, Ether and Gas Inhalers

(Continued)

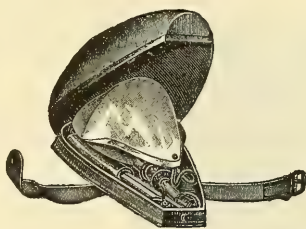
	Each
B/-25 <b>Brophy's</b> Vapor Inhaler, for chloroform or ether.....	\$ 9.00
B/-26 <b>Clover's</b> Inhaler, complete in case.....	20.00
B/-27 <b>Connell's</b> Pharyngeal Rebreathing Tube, metal.....	3.00
B/-28 <b>Connell's</b> Nasal Anaesthesia Tube, metal.....	2.00
B/-30 <b>Davis' Inhaler</b> , for chloroform, ether, ethyl-chloride or gas, in case.....	35.00
Descriptive pamphlet upon application.	
B/-50 <b>Esmarch's</b> Inhaler, with mask, bottle and dropper.....	.75
B/-53 <b>Esmarch's</b> Mask, folding.....	1.00



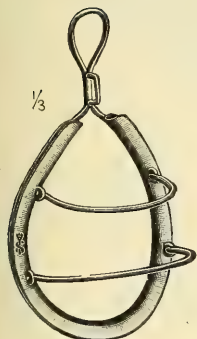
B/-65



B/-66



B/-64

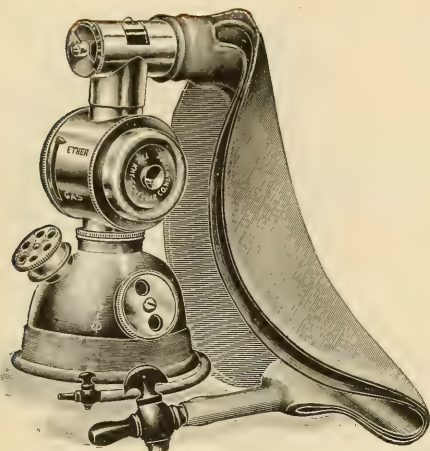


B/-62

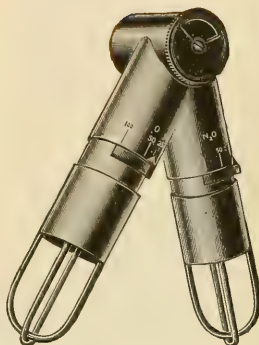
### Chloroform, Ether and Gas Inhalers

(Continued)

	Each
B/-62 <b>Esmarch's Mask</b> , folding, modified by Leiter.....	\$ 1.00
B/-64 <b>Esmarch's Outfit</b> , with tongue forceps, in fine leather case.....	4.00
B/-65 <b>Fischer's Intra-Thoracic Anæsthesia Apparatus</b> (without pump, tank or table).....	75.00
Descriptive pamphlet upon application.	
B/-66 <b>Furniss' Gas-Ether Inhaler</b> , in case.....	40.00
Descriptive pamphlet upon application.	



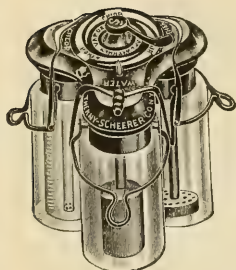
B/-70



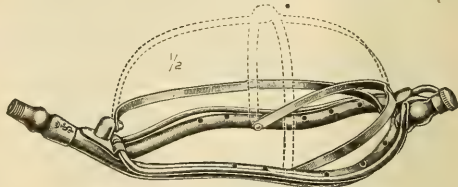
B/-72



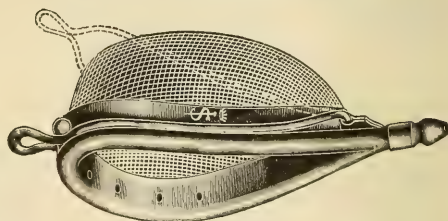
B/-80



B/-74



B/-75



B/-76



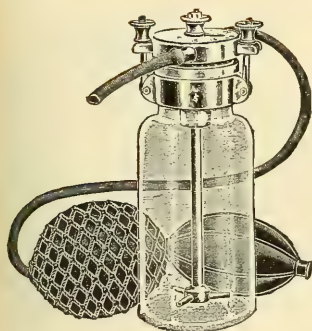
B/-81

## Chloroform, Ether and Gas Inhalers

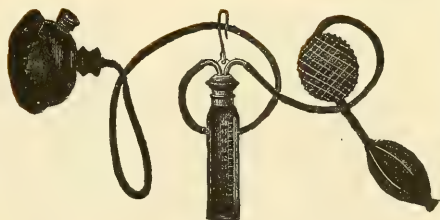
(Continued)

	Each
B/-70 Gwathmey's Inhaler, combined for nitrous-oxide gas and ether, in case.....	\$ 40.00
Without case.....	35.00
B/-72 Gwathmey's Oxygen Y Piece, adapted to Bennett's, Furniss' and Gwathmey's Inhalers.....	15.00
B/-74 Gwathmey's Vapor Inhaler, with three bottles, mask, throat tube, bulb and gag, in case.....	35.00
B/-75 Gwathmey's Vapor Mask, folding.....	2.50
B/-76 Gwathmey's Yankauer's Vapor Mask.....	3.00
B/-80 Gwathmey's Anaesthetic Throat Tube.....	1.25
B/-81 Gwathmey's Heating Tank.....	12.00

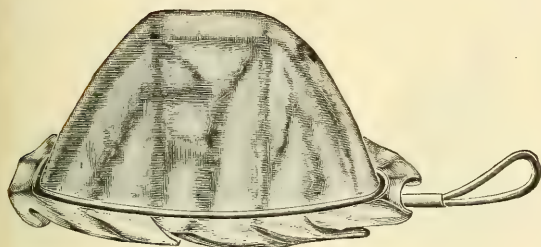




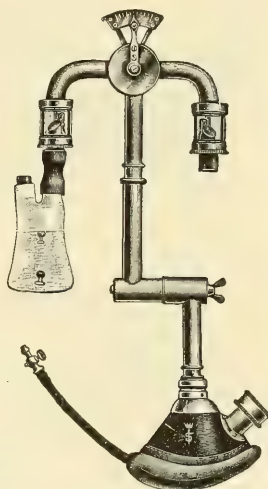
B/-85



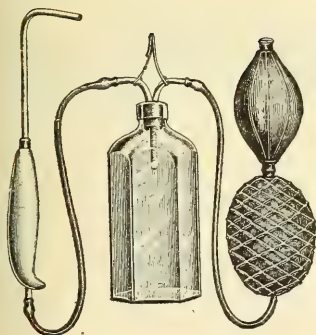
B/-91



B/-87



B/-83

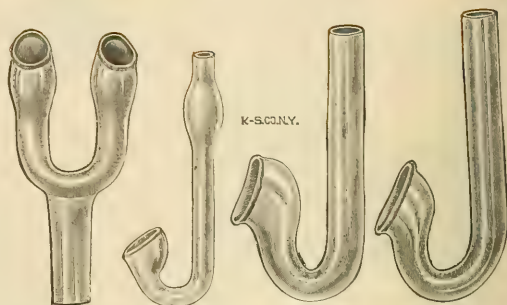
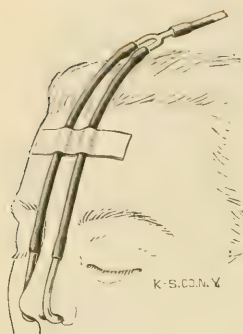


B/-94

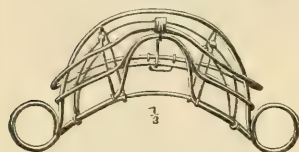
### Chloroform, Ether and Gas Inhalers

(Continued)

	Each
B/-83 Harcourt's Chloroform Inhaler.....	\$35.00
B/-85 Hitz's Vapor Bottle, adaptable for any style vapor gag or throat tube.....	12.00
B/-87 Julliard's Ether Mask.....	2.75
B/-91 Junker's Chloroform Inhaler, with vulcanite face piece and bulb.....	9.00
B/-94 Killian-Buchanan's Vapor Inhaler, for chloroform or ether.....	7.50



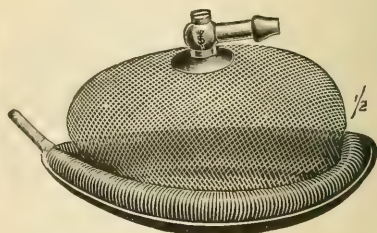
B/-102



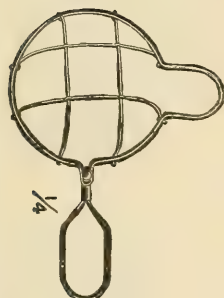
B/-97



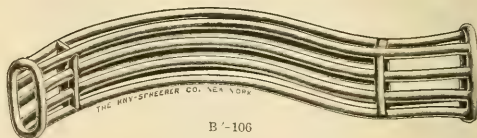
B/-98



B/-105



B/-112



B/-106

### Chloroform, Ether and Gas Inhalers

(Continued)

	Each
B/- 97 Kocher's Chloroform Mask.....	\$ 2.75
B/- 98 Laplace's Aseptic Mask, for chloroform or ether.....	6.75
B/-102 Lumbard's Anæsthetic Nasal Tubes, glass, set of 3 pairs and glass Y, with tubing.....	2.25
B/-105 Lumbard's Vapor Mask.....	3.00
B/-106 Lumbard's Controller of the Tongue and Palate, for general anæsthesia, metal.....	4.00
B -112 Ochsner's Chloroform Mask.....	1.00

S A GUARANTY

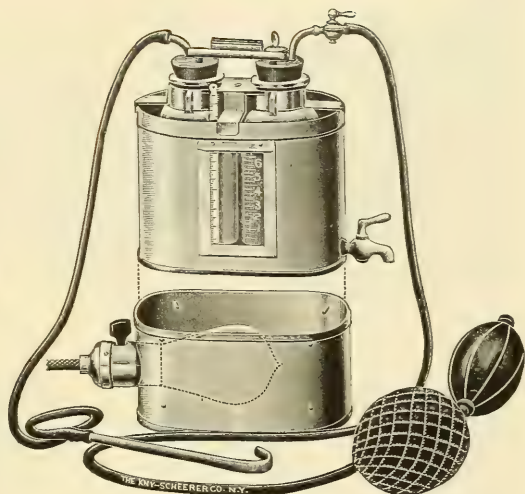


B/-116  $\frac{1}{4}$

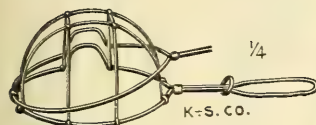


K-S. CO.

B/-124

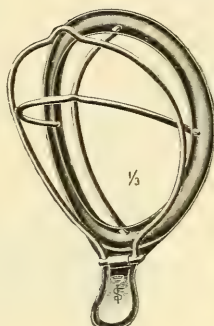


B/-118

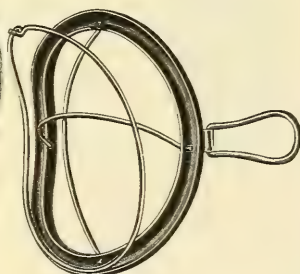


K-S. CO.

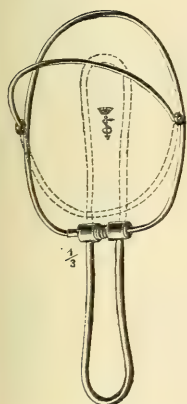
B/-125



B/-140



B/-146

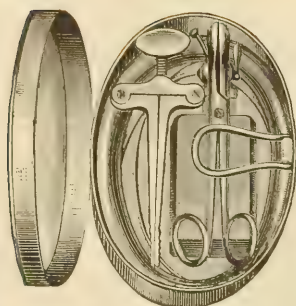


B/-130

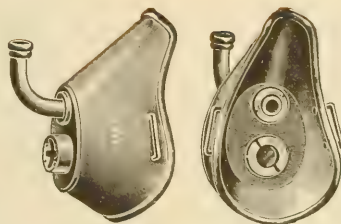
## Chloroform, Ether and Gas Inhalers

(Continued)

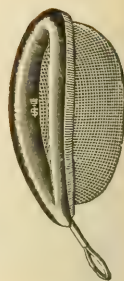
	Each
B/-116 Ormsby's Ether Inhaler, with soft rubber face piece and bag..	\$ 6.00
B/-118 Pinneo's Apparatus for Anaesthesia by Pharyngeal Insufflation	33.00
Descriptive pamphlet upon application.	
B/-124 Sanders' Chloroform Mask.....	1.25
B/-125 Sanders' Ether Mask.....	1.25
B/-130 Skinnners' Chloroform Mask, folding.....	1.50
B/-140 Schimmelbusch's Chloroform Mask, folding.....	1.00
B/-146 Schimmelbusch's Chloroform Mask, folding, improved.....	1.35



B -152



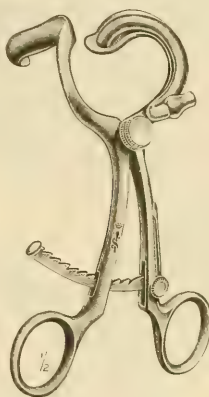
B/-166



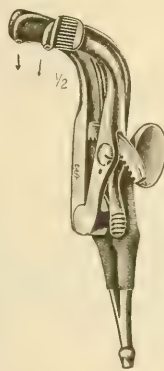
B/-168



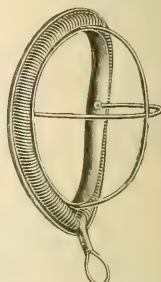
B -198



B -200



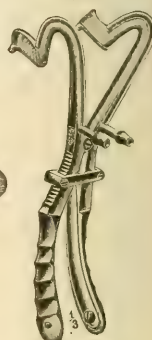
B -205



B/-169



B/-232



B/-210



B/-220-24

## Chloroform, Ether and Gas

### Inhalers

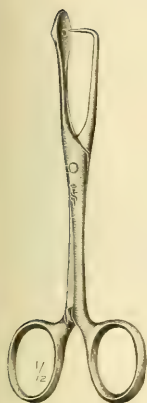
(Continued)

	Each
B/-152 Schimmelbusch's Anaesthetic Outfit, complete, in metal case.....	\$ 7.50
B/-166 Universal Aseptic Mask, can be used without face cushion, 3 sizes.....	5.00
B/-168 Yankauer's Chloroform Mask.....	1.75
B/-169 Yankauer's Chloroform Mask, folding "Simplex".....	1.25

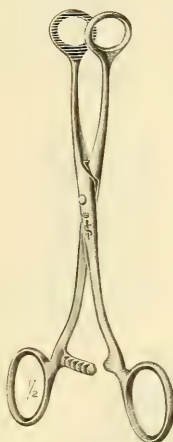
## Mouth Gags

	Each
B/-198 Denhard's, with anaesthesia tubes.....	\$ 5.00
B -200 Doyen's, with anaesthesia tubes.....	6.50
B -205 Ferguson-Gwathmey's, with anaesthesia tubes.....	5.00
B/-210 Hewitt-Mason's, with anaesthesia tubes.....	12.00
B/-220 Oral Screw, hard rubber.....	.60
B/-224 Oral Screw, boxwood.....	.50
B/-232 Wedge, boxwood.....	.75

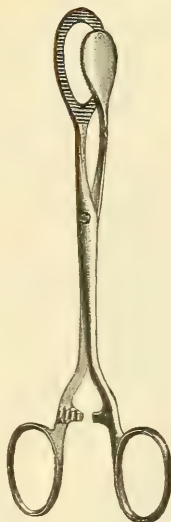




B/-240



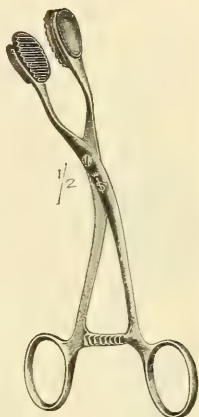
B/-244-45



B/-262



B/-252



B/-275



B/-296-98



B/-304-06



B/-314



B/-316



B/-288-89

### Tongue Forceps

	Each		Each
B/-240 Carmalt's	\$ 2.00	B/-252 Gardner-Bellamy's Tongue Clip	\$ 3.25
B/-244 Collin's, large	1.75	B/-262 Mathieu's	\$ 1.00
B/-245 Collin's, small	1.75	B/-275 Young's, with soft rubber tips	1.75
			2.50

### Drop Bottles for Chloroform and Ether

	Each		Dozen
B/-288 Pinneo's Regulating Dropper, 4 1/2 inches	\$ 1.50	B/-304 Drop Bottles, flat stopper, crystal, 30 cc	\$ 3.25
B/-289 Pinneo's Regulating Dropper, 7 inches	2.25	crystal, 60 cc	3.50
		crystal, 100 cc	3.75
B/-296 Drop Bottles, crystal, 30 cc	1.20	B/-306 Drop Bottles, flat stopper, amber, 30 cc	3.60
crystal, 50 cc	1.50	amber, 60 cc	3.85
crystal, 100 cc	2.00	amber, 100 cc	4.15
B/-298 Drop Bottles, amber, 30 cc	1.35	B 314 Drop Bottles, with white enameled label	Each
amber, 50 cc	1.80	"Chloroform," 60 cc	1.00
amber, 100 cc	2.40	150 cc	1.25
		B/-316 Drop Bottles, with white enameled label "Ether,"	
		60 cc	1.00
		150 cc	1.25



B/-322



B/-325



B/-330



B/-334



B/-340-42



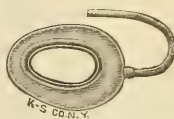
B/-348



B/-349



B/-354



B/-351



B/-356

### Drop Bottles for Chloroform and Ether

(Continued)

	Each		Each
B/-322 Esmarch's.....	\$ .50	B/-330 Polyclinic.....	\$ .75
B/-325 Kny-Scheerer Co.'s.....	1.50	B/-334 Schimmelbusch's.....	1.75

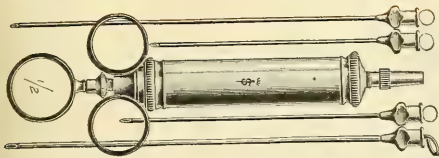
### Nitrous-Oxide and Oxygen Gas

	Each		Each
B/-340 Nitrous-oxide Gas, 100 gallons in steel cylinder.....	\$ 8.00	B/-342 Oxygen Gas, 40 gallons in steel cylinder	\$ 8.00
		Refilling above.....per cylinder	2.00

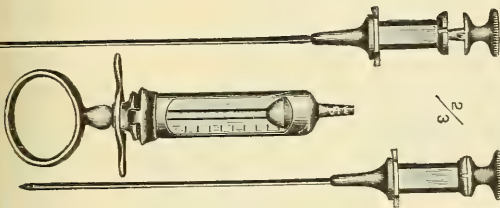
### Miscellaneous Parts

	Each		Each
B/-348 Gas Bags, soft rubber.....	\$ 2.50	B/-354 Stopcocks, hard rubber, for face pieces.....	\$ .30
B/-349 Ether Bags, soft rubber.....	2.25	B/-356 Stopcocks, hard rubber, for gas bags..	.75
B/-351 Face Pieces, soft rubber, inflatable....	1.50		

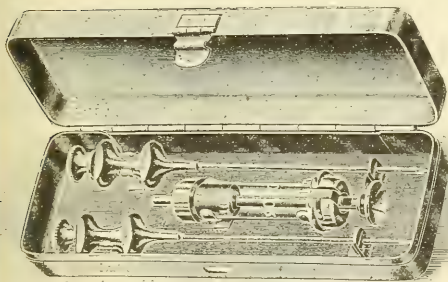
KNY-SCHEERER CO.



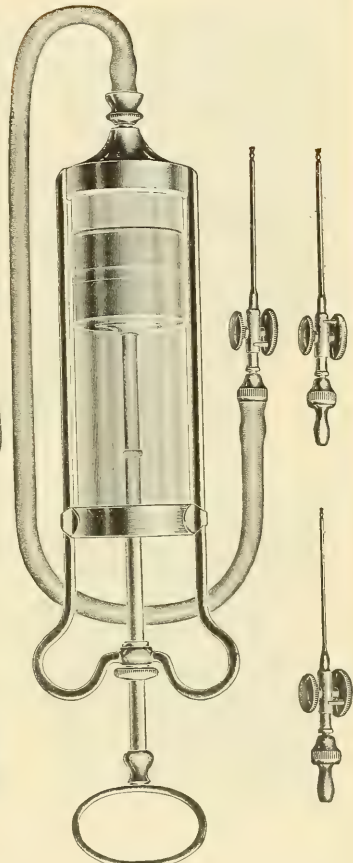
B/-361



B/-366



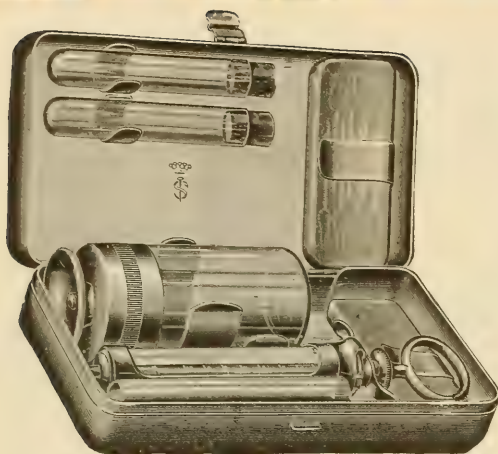
B. -367



B -305

### Spinal Anaesthesia Syringes and Needles

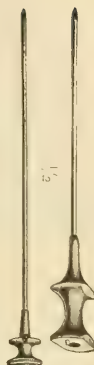
		Each			Each
B/-361	Bainbridge's, 5 cc. capacity, all metal with 4 needles, in leather case....	\$ 6.00	B/-366	Bier's, 2 cc. capacity, with 2 long steel needles, in metal case.....	\$ 7.00
B/-365	Bier's Vein Anaesthesia Syringe, consisting of "Record" Syringe, 100 cc. capacity, 3 blunt canulae, each with cut-off, tubing and connections, in metal case.....	26.00	B/-367	Bier's "Record" Pattern, 2 cc. capacity, with 2 long steel needles, in metal case.....	8.00



B/-37S-79



B -403



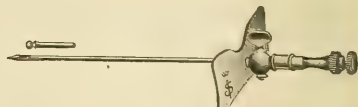
B -386



B -387



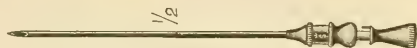
B 391



B/-394



B 383



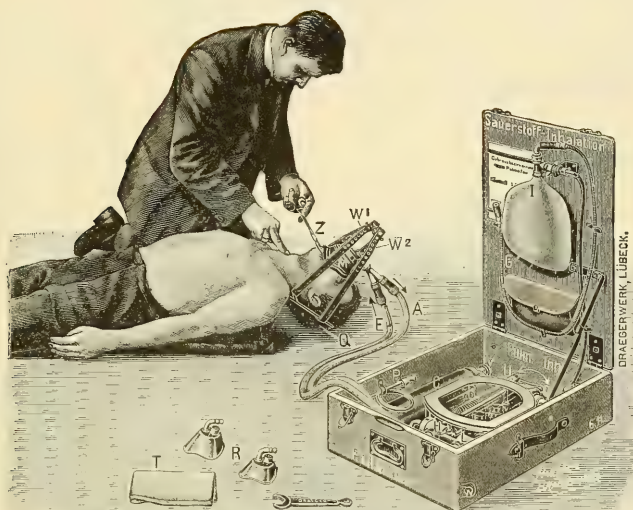
B -396-97

## Spinal Anaesthesia Syringes and Needles

(Continued)

	Each		Each
B/-37S Schleich's, 5 cc. capacity, rubber piston, screw cap bottle, 10 needles and 2 vials of sal. anaesthet. tablets, in metal case.....	\$12.00	B/-391 Bier's Needles.....	\$ 1.50
B/-379 Schleich's, 10 cc. capacity, same as above.....	13.50	B/-394 Cluss' Needles, with stopcock, detachable finger plate and cap, for vein, lumbar or pleural puncture, made in 2 sizes, 4 and 5 French scale.....	2.50
B -383 Babcock's Needle, to fit "Record" Syringes.....	1.25	B/-396 O'Brien's Needle, with universal thread.....	1.25
B/-386 Barker's Needle Trocar, for spinal analgesia, with obturator made of hard nickel, to fit "Record" Syringes.....	2.00	B -397 O'Brien's Needle, fitting "Record" Syringes.....	1.25
B -387 Barker's Canula, hard nickel, fitting into above needle.....	2.00	B -405 Ariston Ampoules, sterilized solutions for hypodermatic, intravenous and spinal anaesthesia injections (for full description, see pages 2334 to 2337)	





## THE PULMOTOR

An apparatus for the resuscitation of the apparently lifeless  
from the effects of

**Anaesthesia    Poisonous Gases    Smoke    Drowning**

**Electric Shock    Collapse from any Cause**

*Simplicity of Operation and Highest Conceivable Efficiency*

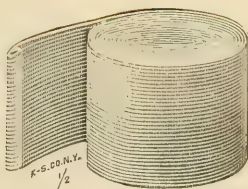
The operator has but to apply a face mask and turn a key, thereby starting the mechanism of the apparatus, to produce immediate and measured respiration, with pure oxygen entering the lungs with each inhalation.

**Price Complete, with One Cylinder of Oxygen, \$150.00 Net**

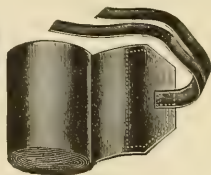
**Extra Cylinder of Oxygen, \$17.50 Net**



B -425-26



B -429-30



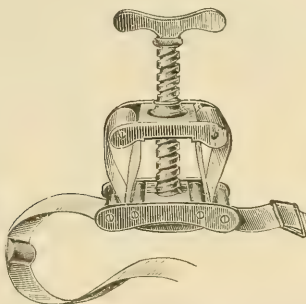
B/-435



B -432



B/-439



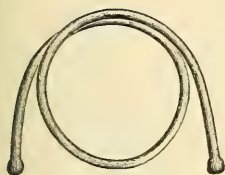
B -445



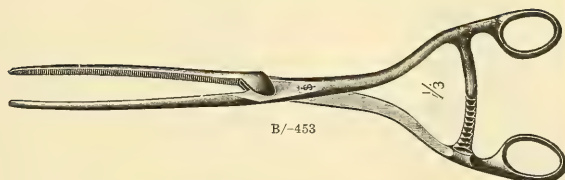
B/-437

### Tourniquets for Suspending Circulation of Blood

	Each		Each
B -425 Esmarch's Tourniquet, consisting of 9 feet of elastic webbing 2½ inches wide, 3 feet tubular strap with chain.	\$ 3.50	B -435 Foulis' Tourniquet, with hard rubber block and heavy rubber cord.	\$ 1.20
B/-426 Esmarch's Tourniquet, tubular strap with chain only.	1.75	B/-437 Instantaneous Tourniquet, with hard rubber block and heavy rubber cord.	.75
B -429 Esmarch's Tourniquet, consisting of 9 feet pure rubber bandage 2½ inches wide, and 3 feet flat rubber strap with chain.	2.50	B/-439 Langenbeck's Bandage Clamp.	1.00
B/-430 Esmarch's Tourniquet, flat strap with chain only.	1.25	B/-442 Martin's Bandages, pure rubber, 2½ inches wide, 9 feet long (see B/-429).	1.00
B -432 Field Tourniquet, U. S. A. style, complete with strap and buckle.	1.00	3½ inches wide, 18 feet long.	1.75
		3 inches wide, 9 feet long.	1.25
		3 inches wide, 18 feet long.	2.20
		B/-445 Petit's Spiral Tourniquet, complete with strap.	1.75



B/-451



B/-453



B/-455



B/-456



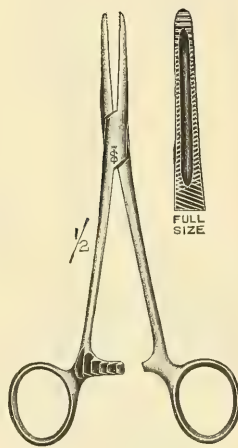
B/-449



B/-465



B/-466-67



B/-471

## Tourniquets

(Continued)

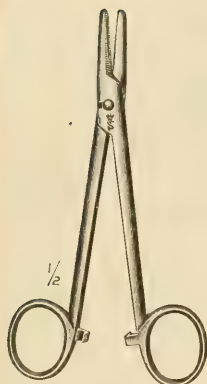
Each

B/-449	<b>Rust's</b> Screw Tourniquet.....	\$ 2.50
B/-451	<b>Senn's</b> Emergency Tourniquet, soft rubber.....	1.00
B/-453	<b>Thomas' (Lynn)</b> Tourniquet Clamp, for femoral artery, 11½ inches long	7.50
B/-455	<b>Wyeth's</b> Transfixion Pins, round,....	.75
B/-456	<b>Wyeth's</b> Transfixion Pins, oval,....	.90

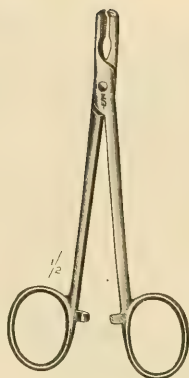
## Haemostatic Forceps

Each

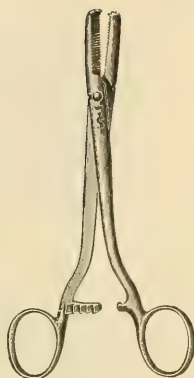
B/-465	<b>Allis' Acupressure Forceps</b> , straight, 5 inches.....	\$ 1.25
B/-466	<b>Allis' Acupressure Forceps</b> , curved sideways, 4¾ inches.....	1.25
B/-467	<b>Allis' Acupressure Forceps</b> , curved sideways, 5¾ inches.....	1.50
B/-471	<b>Barrett's Haemostatic Forceps</b> , 6¾ inches, box (mortise) lock.....	1.50



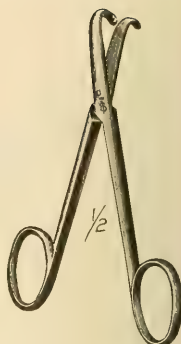
B/-474



B/-475



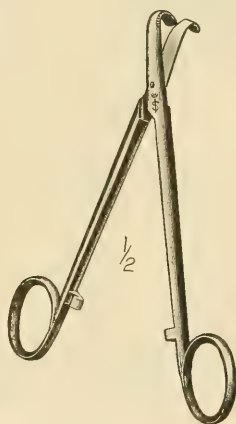
B/-477



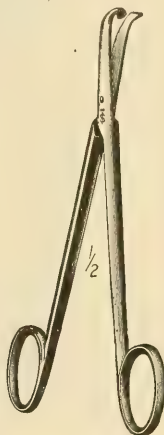
B/-483



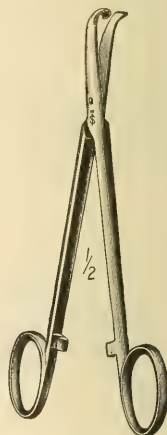
B/-484



B/-485



B/-486



B/-487

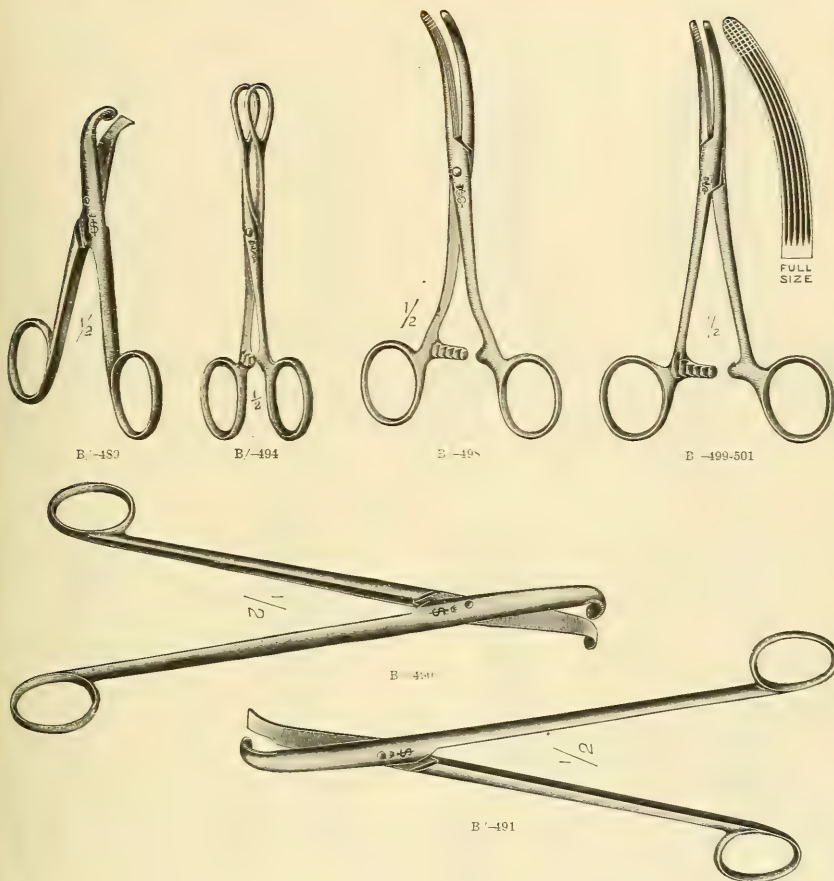
### Haemostatic Forceps

(Continued)

Each		Each	
B/-474	<b>Beck's</b> Haemostatic Forceps, $5\frac{1}{2}$ inches.....	B/-484	<b>Blunk's</b> Haemostatic Forceps, $5\frac{3}{4}$ inches, medium jaws, full curved..
	<b>\$ 1.10</b>		<b>\$ 3.50</b>
B/-475	<b>Beck's</b> Haemostatic Forceps, $5\frac{1}{4}$ inches, mouse teeth.....	B/-485	<b>Blunk's</b> Haemostatic Forceps, $5\frac{3}{4}$ inches, medium jaws, full curved, with catch.....
	<b>1.20</b>		<b>3.75</b>
B/-477	<b>Bergmann's</b> Haemostatic Forceps, mouse teeth.....	B/-486	<b>Blunk's</b> Haemostatic Forceps, 6 inches, slightly curved jaw.....
	<b>1.25</b>		<b>3.75</b>
B/-483	<b>Blunk's</b> Haemostatic Forceps, $4\frac{3}{4}$ inches, light jaws, full curved.....	B/-487	<b>Blunk's</b> Haemostatic Forceps, 6 inches, slightly curved jaw, with catch.....
	<b>3.25</b>		<b>4.00</b>

U. S. Patent for Blunk's Forceps applied for.

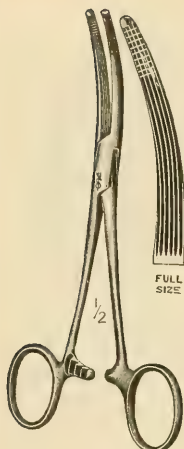




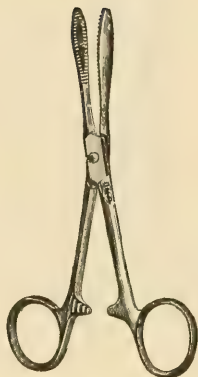
### Haemostatic Forceps

(Continued)

	Each		Each
B/-489 <b>Blunk's</b> Haemostatic Forceps, $4\frac{1}{2}$ inches, heavy, slightly curved jaws	\$ 3.50	B/-498 <b>Carmalt's</b> Haemostatic Forceps, $6\frac{1}{4}$ inches.....	\$ 1.25
B/-490 <b>Blunk's</b> Haemostatic Forceps, $8\frac{1}{4}$ inches, heavy, full curved jaws....	4.75	B/-499 <b>Carmalt's</b> Haemostatic Forceps, $6\frac{1}{4}$ inches, box (mortise) joint.....	1.50
B/-491 <b>Blunk's</b> Haemostatic Forceps, $8\frac{1}{4}$ inches, heavy, slightly curved jaws	4.75	B -501 <b>Carmalt's</b> Haemostatic Forceps, 8 inches, box (mortise) joint.....	1.75
B/-494 <b>Burchardt's</b> Haemostatic Forceps, oval, fenestrated.....	2.00		



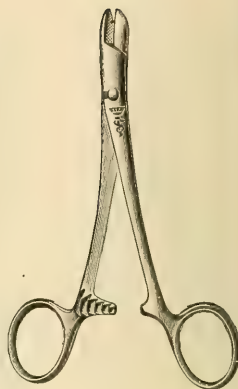
B/-503



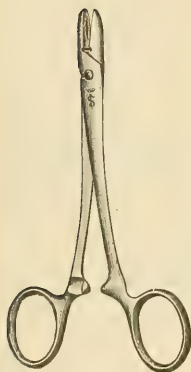
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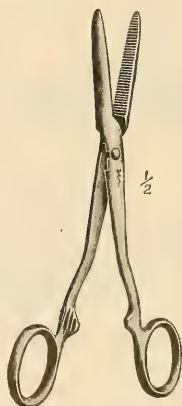
B - 508



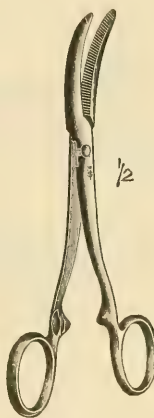
B' 513



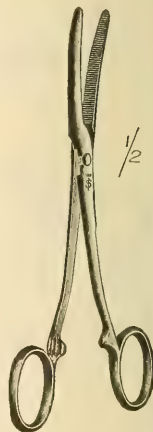
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B/-519-21



B/-522-24

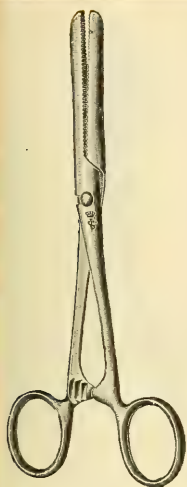


B/-528

## Haemostatic Forceps

(Continued)

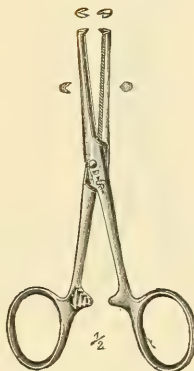
	Each
B/-503 Carmalt's Haemostatic Forceps, 6 1/2 inches, 1x2 teeth, box (mortise) joint.	\$ 1.50
B/-507 Croenlein's Haemostatic Forceps, oval jaws	1.50
B/-508 Croenlein's Haemostatic Forceps, with 2x3 teeth	1.50
B/-513 Doyen's Haemostatic Forceps, 6 inches	1.20
B/-514 Doyen's Haemostatic Forceps and Needle Holder, 5 inches	1.20
B/-519 Ethridge's Haemostatic Forceps, straight, 4 3/4 inches	1.00
B/-520 Ethridge's Haemostatic Forceps, straight, 6 inches	1.25
B/-521 Ethridge's Haemostatic Forceps, straight, 8 1/4 inches	1.50
B/-522 Ethridge's Haemostatic Forceps, curved, 4 3/4 inches	1.25
B/-523 Ethridge's Haemostatic Forceps, curved, 6 inches	1.50
B/-524 Ethridge's Haemostatic Forceps, curved, 8 1/4 inches	1.75
B/-528 Faenger's Haemostatic Forceps, curved, 6 inches, heavy	1.75



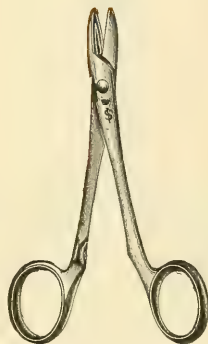
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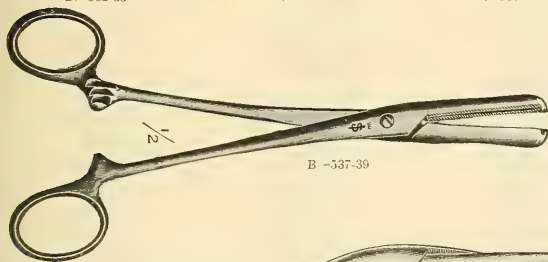
B/-544



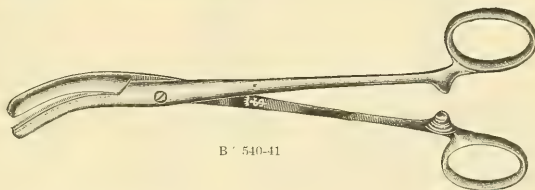
B/-547



B/-550-51



B/-537-39



B/-540-41

## Haemostatic Forceps

(Continued)

	Each
B/-532 Ferguson's Haemostatic Forceps, $4\frac{3}{4}$ inches .....	\$ 1.00
B/-533 Ferguson's Haemostatic Forceps, $5\frac{1}{2}$ inches .....	1.15
B/-534 Ferguson's Haemostatic Forceps, $6\frac{1}{2}$ inches .....	1.35
B/-535 Ferguson's Haemostatic Forceps, $7\frac{1}{2}$ inches .....	1.50
B/-537 Ferguson's Angiotribe Forceps, straight, $5\frac{1}{2}$ inches .....	1.25
B/-538 Ferguson's Angiotribe Forceps, straight, $6\frac{1}{2}$ inches .....	1.50
B/-539 Ferguson's Angiotribe Forceps, straight, $7\frac{3}{4}$ inches .....	1.75
B/-540 Ferguson's Angiotribe Forceps, curved, $6\frac{1}{4}$ inches .....	1.75
B/-541 Ferguson's Angiotribe Forceps, curved, $7\frac{1}{2}$ inches .....	2.00
B/-544 Forbes' Haemostatic Forceps .....	1.75
B/-547 Girard's Haemostatic Forceps, with mouse teeth .....	1.50
B/-550 Greig-Smith's Haemostatic Forceps, 8 inches .....	3.25
B/-551 Greig-Smith's Haemostatic Forceps, $6\frac{3}{4}$ inches .....	2.75

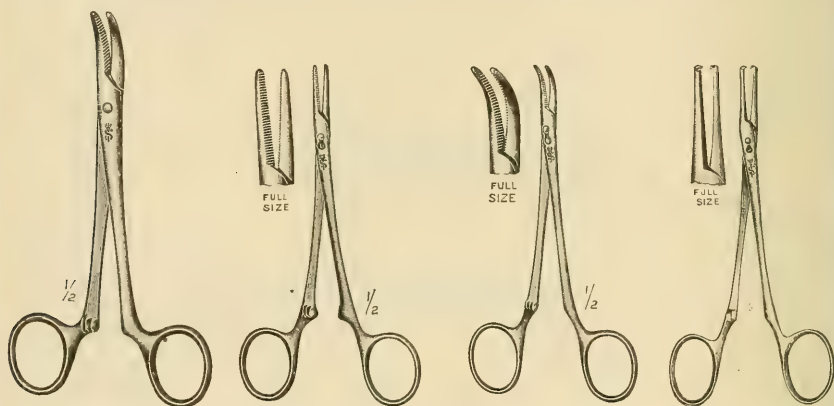


B/-556

B/-558

B 562

B/-564



B/-569

B/-573

B/-575

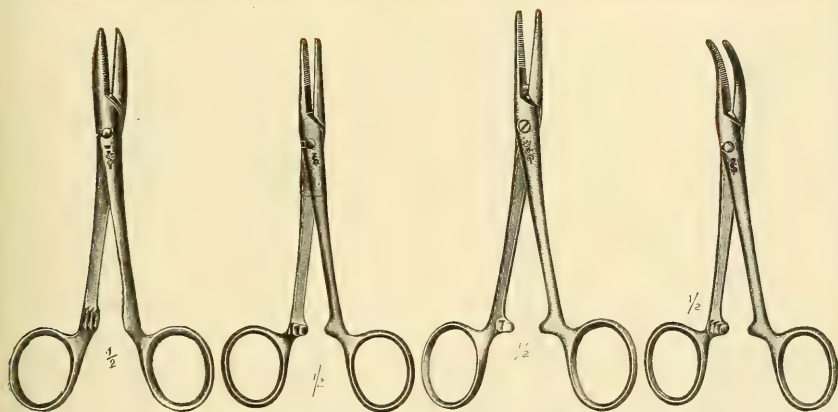
B/-577

### Haemostatic Forceps

(Continued)

	Each
B/-556 <b>Hahn's</b> Haemostatic Forceps.....	\$ 1.75
B/-558 <b>Halstead's</b> Haemostatic Forceps, straight.....	.75
B/-562 <b>Halstead's</b> Haemostatic Forceps, straight (Hopkins' Hospital Pattern).....	1.25
B/-564 <b>Halstead's</b> Haemostatic Forceps, curved.....	1.00
B/-569 <b>Halstead's</b> Haemostatic Forceps, curved (New York Hospital Pattern).....	1.25
B/-573 <b>Halstead's</b> Mosquito Forceps, straight.....	.90
B/-575 <b>Halstead's</b> Mosquito Forceps, curved.....	.95
B/-577 <b>Halstead's</b> Mosquito Forceps, straight, with 1x2 teeth.....	1.25



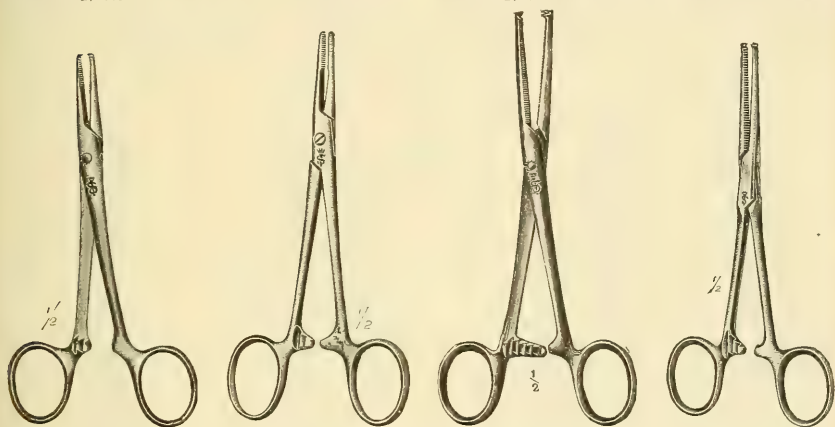


B/-580

B/-584

B/-587

B/-590



B/-593

B/-595

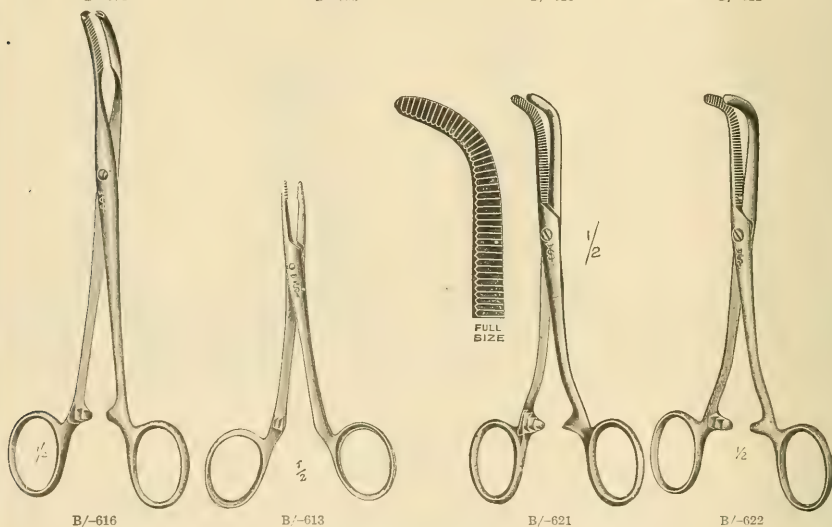
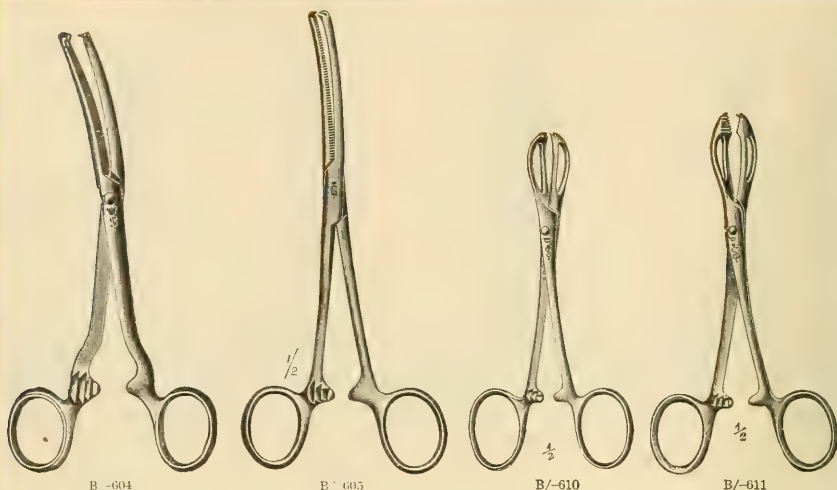
B/-596-98

B/-601

### Haemostatic Forceps

(Continued)

	Each
B/-580 Jones' Haemostatic Forceps.....	\$ .80
B/-584 Kelly's Haemostatic Forceps, fine pointed.....	.90
B/-587 Kelly's Haemostatic Forceps, with anti-twist jaws.....	1.00
B/-590 Kelly's Haemostatic Forceps, curved.....	1.00
B/-593 Kelly's Haemostatic Forceps, straight, 1x2 teeth.....	1.25
B/-595 Kelly's Haemostatic Forceps, with round shanks.....	1.15
B/-596 Kocher's Haemostatic Forceps, 4 1/2, 5 and 5 1/2 inches.....	.90
B/-598 Kocher's Haemostatic Forceps, 6 inches.....	1.25
B/-601 Kocher's Haemostatic Forceps, 5 1/2 inches, box (mortise) joint.....	1.50



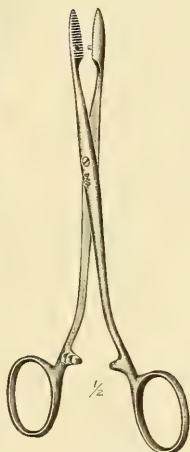
### Haemostatic Forceps

(Continued)

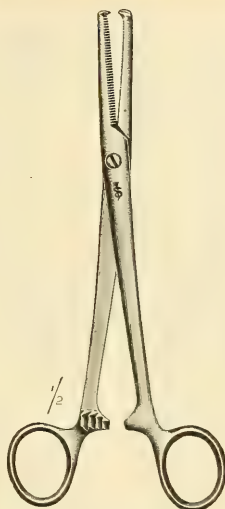
	Each
B/-604 <b>Kocher's</b> Haemostatic Forceps, curved, 6 $\frac{3}{4}$ inches.....	\$ 1.75
B/-605 <b>Kocher's</b> Haemostatic Forceps, curved, 6 $\frac{3}{4}$ inches, with box (mortise) joint.....	2.00
B/-610 <b>Little's</b> Haemostatic Forceps, fenestrated, mouse teeth.....	1.50
B/-611 <b>Little's</b> Haemostatic Forceps, fenestrated, with Hamilton's jaws.....	1.50
B/-613 <b>McBurney's</b> Haemostatic Forceps.....	1.25
B/-616 <b>Mikulicz's</b> Haemostatic Forceps, 7 inches, with mouse teeth.....	1.75
B/-621 <b>Mixter's</b> Haemostatic Forceps.....	1.50
B/-622 <b>Mixter's</b> Haemostatic Forceps, with anti-twist jaws.....	1.60



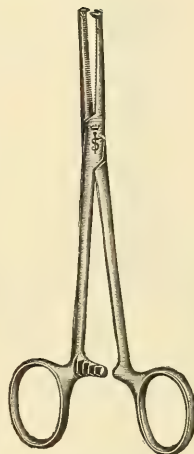
B/-635



B/-637



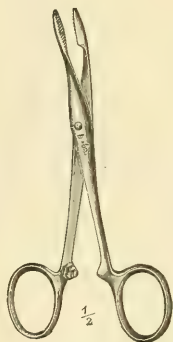
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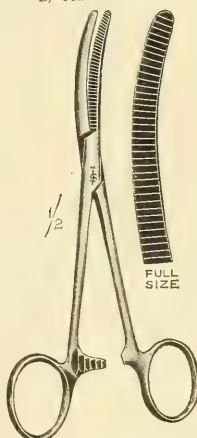
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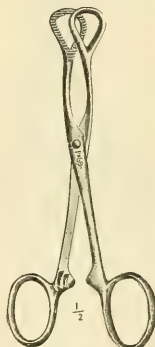
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B/-674



B/-678

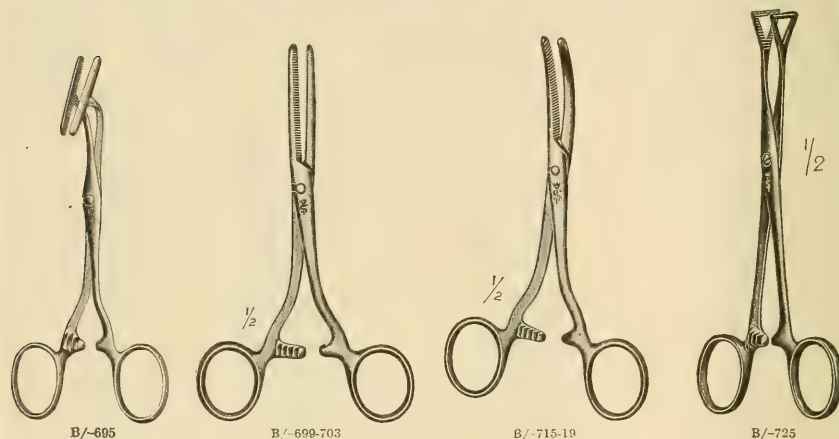
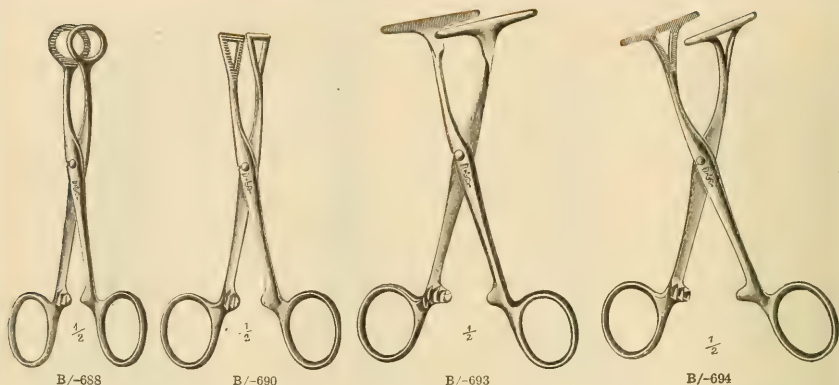


B/-686

### Haemostatic Forceps

(Continued)

	Each
B/-635 <b>Murphy's</b> Haemostatic Forceps, light, 6 1/2 inches.....	\$ .85
B/-637 <b>Murphy's</b> Haemostatic Forceps, light, 6 1/2 inches, with anti-twist jaws .....	.95
B/-644 <b>Ochsner's</b> Haemostatic Forceps, heavy, 7 inches, 1x2 teeth .....	1.35
B/-645 <b>Ochsner's</b> Haemostatic Forceps, Mayo pattern, 6 1/2 inches, 1x2 teeth, with box (mortise) joint .....	1.50
B/-646 <b>Ochsner's</b> Haemostatic Forceps, Mayo pattern, 7 1/4 inches, 1x2 teeth, with box (mortise) joint .....	1.75
B/-668 <b>Pean's</b> Haemostatic Forceps, regular style, 4, 4 1/2 and 5 inches .....	.60
B/-669 <b>Pean's</b> Haemostatic Forceps, regular style, 5 1/2 inches .....	.75
B/-674 <b>Pean's</b> Haemostatic Forceps, regular style, curved, 4 1/2 and 5 inches .....	.70
B/-678 <b>Pean's</b> Haemostatic Forceps, Mayo pattern, 6 1/4 inches, curved, with box (mortise) joint .....	1.50
B/-686 <b>Pean's</b> Haemostatic Forceps, fenestrated, light .....	1.50

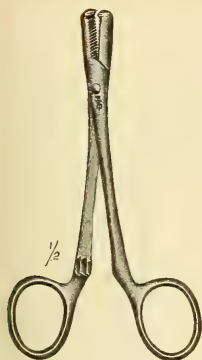


### Haemostatic Forceps

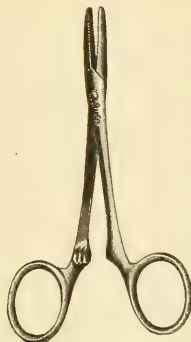
(Continued)

	Each
B/-688 Pean's Haemostatic Forceps, fenestrated, round jaw.....	\$ 1.75
B/-690 Pean's Haemostatic Forceps, fenestrated, triangular jaw.....	1.75
B/-693 Pean's Haemostatic Forceps, fenestrated, T-shaped, solid.....	1.50
B/-694 Pean's Haemostatic Forceps, fenestrated, T-shaped, fenestrated.....	1.75
B/-695 Pean's Haemostatic Forceps, fenestrated, T-shaped, with branches parallel to handles.....	1.65
B/-699 Pean's Haemostatic Forceps, long jaw, straight, 4 inches.....	1.00
B/-701 Pean's Haemostatic Forceps, long jaw, straight, 4 3/4 inches.....	1.00
B/-703 Pean's Haemostatic Forceps, long jaw, straight, 5 1/2 inches.....	1.20
B/-715 Pean's Haemostatic Forceps, long jaw, curved, 4 inches.....	1.25
B/-717 Pean's Haemostatic Forceps, long jaw, curved, 4 3/4 inches.....	1.35
B/-719 Pean's Haemostatic Forceps, long jaw, curved, 5 1/2 inches.....	1.50
B/-725 Pennington's Haemostatic Forceps, triangular jaw, 5 3/4 inches.....	2.00

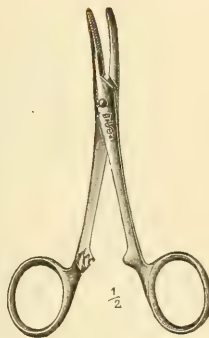




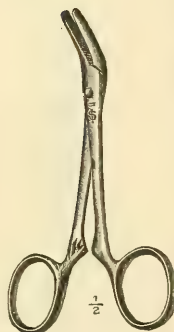
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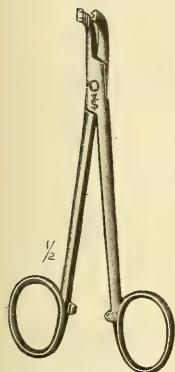
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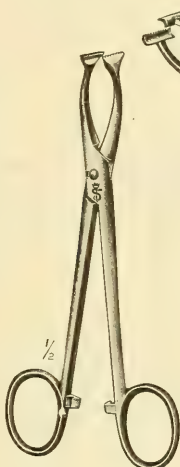
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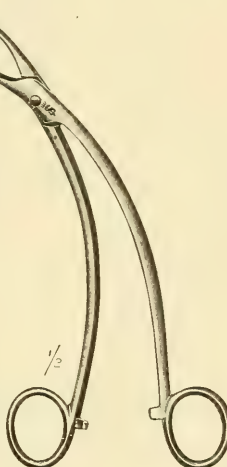
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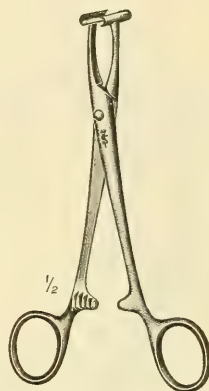
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B/-748



B/-750

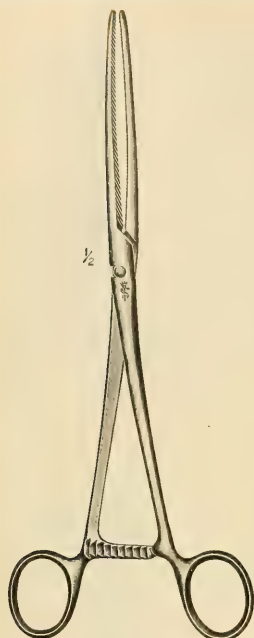


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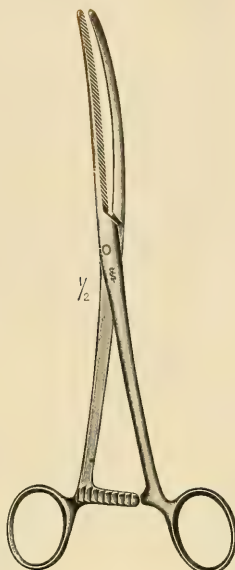
## Haemostatic Forceps

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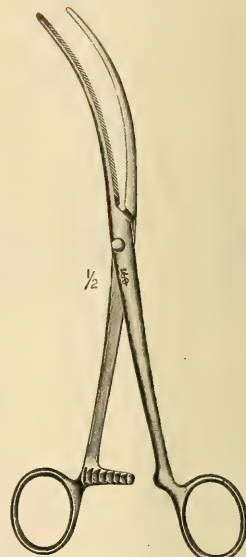
	Each
B/-729 Phelps' Haemostatic Forceps, with mouse teeth.....	\$ 1.20
B/-735 Pozzi's Haemostatic Forceps, straight, 4 3/4 inches.....	1.00
B/-737 Pozzi's Haemostatic Forceps, curved, 4 3/4 inches.....	1.10
B/-739 Pozzi's Haemostatic Forceps, angular, 4 3/4 inches.....	1.25
B/-744 Pratt's Haemostatic Forceps, curved, 5 1/2 inches.....	1.25
B/-746 Pratt's Haemostatic Forceps, curved, 8 inches.....	1.75
B/-748 Pratt's Haemostatic Forceps, T-shaped, straight.....	1.25
B/-750 Pratt's Haemostatic Forceps, T-shaped, curved.....	1.75
B/-751 Pratt's Haemostatic Forceps, T-shaped, modified by Smith.....	1.25



B/-760



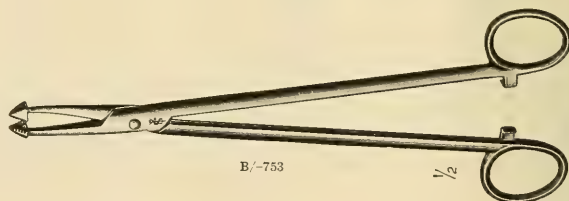
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B/-765



B/-753

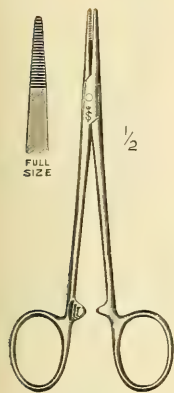


B/-753

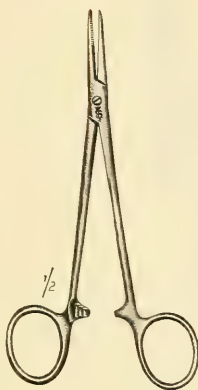
### Haemostatic Forceps

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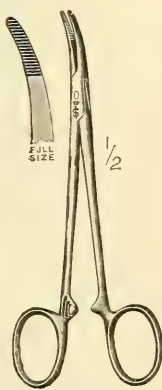
	Each
B/-753 Pratt's Haemostatic Forceps, V-shaped.....	\$ 2.00
B/-755 Pratt's Haemostatic Forceps, curved, modification of Tait's.....	2.00
B/-760 Pratt's Compression Forceps, straight, 9 inches.....	2.25
B/-762 Pratt's Compression Forceps, curved, 8 inches.....	2.25
B/-765 Pratt's Compression Forceps, curved sideways, 8 inches.....	2.25



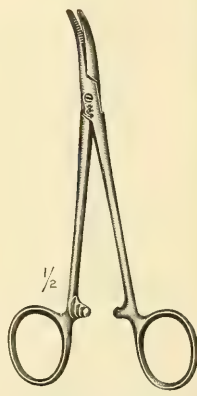
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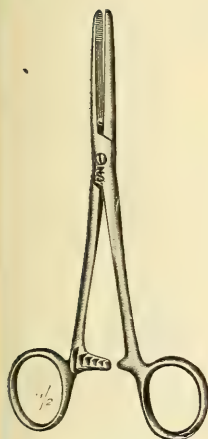
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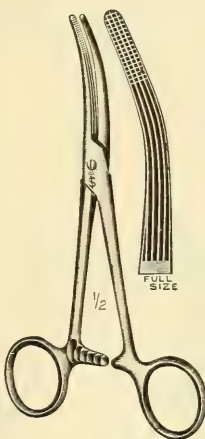
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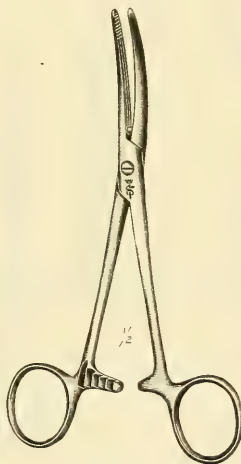
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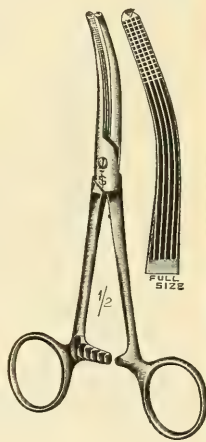
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B/-786-88



B/-792-94

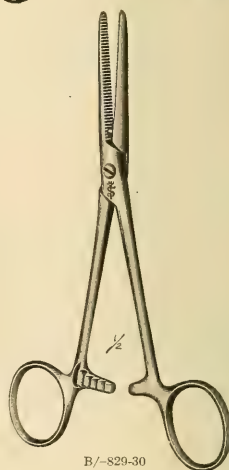
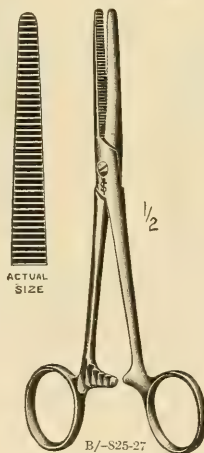
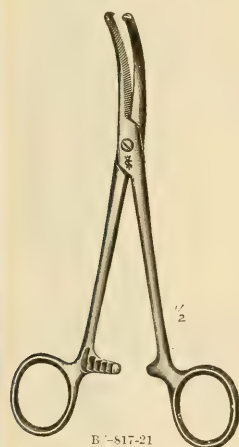
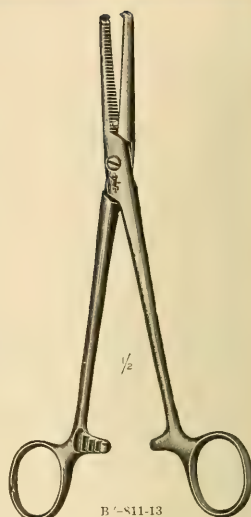
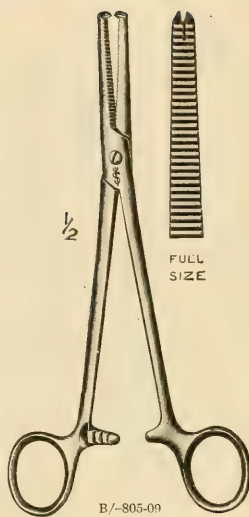
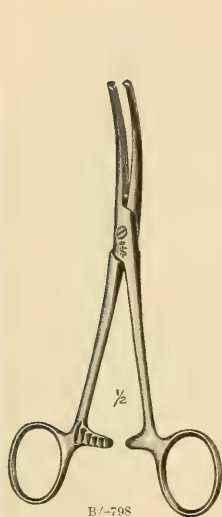


B/-796

### Haemostatic Forceps

(Continued)

	Each		Each
B/-770 Providence Hospital Pattern Haemostatic Forceps, straight, 5 1/2 inches, box (mortise) joint.....	\$ 1.35	B/-784 Rochester-Carmalt's Haemostatic Forceps, 8 inches, straight, with anti-twist jaw .....	\$ 1.60
B/-772 Providence Hospital Pattern Haemostatic Forceps, straight, 5 1/2 inches, screw lock.....	.90	B/-786 Rochester-Carmalt's Haemostatic Forceps, 6 1/4 inches, curved.....	1.50
B/-774 Providence Hospital Pattern Haemostatic Forceps, curved, 5 1/2 inches, box (mortise) joint.....	1.50	B/-788 Rochester-Carmalt's Haemostatic Forceps, 8 inches, curved.....	1.75
B/-775 Providence Hospital Pattern Haemostatic Forceps, curved, 5 1/2 inches, screw lock.....	1.00	B/-792 Rochester-Carmalt's Haemostatic Forceps, 6 1/4 inches, curved with anti-twist jaw.....	1.60
B/-782 Rochester-Carmalt's Haemostatic Forceps, 6 1/4 inches, straight, with anti-twist jaw.....	1.50	B/-794 Rochester-Carmalt's Haemostatic Forceps, 8 inches, curved with anti-twist jaw.....	1.85
		B/-796 Rochester-Carmalt's Haemostatic Forceps, 6 1/4 inches, curved with mouse teeth.....	1.50

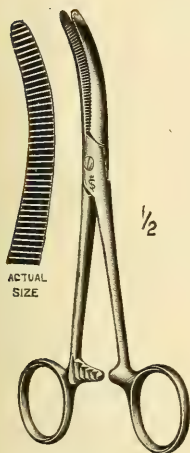


### Haemostatic Forceps

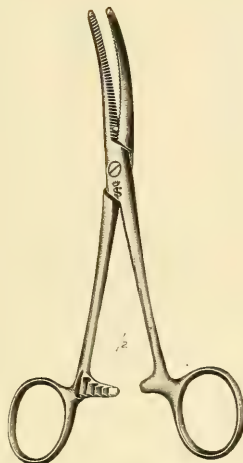
(Continued)

	Each		Each
B/-798 Rochester-Carmalt's Haemostatic Forceps, curved, 6 1/4 inches, mouse teeth, with anti-twist jaws.....	\$ 1.60	B/-817 Rochester-Ochsner's Haemostatic Forceps, curved, 5 1/4 inches, screw lock.....	\$ 1.15
B/-805 Rochester-Ochsner's Haemostatic Forceps, straight, 5 1/2 inches, screw lock.....	1.15	B/-819 Rochester-Ochsner's Haemostatic Forceps, curved, 6 1/2 inches, screw lock.....	1.25
B/-807 Rochester-Ochsner's Haemostatic Forceps, straight, 6 1/2 inches, screw lock.....	1.25	B/-821 Rochester-Ochsner's Haemostatic Forceps, curved, 7 1/4 inches, screw lock.....	1.50
B/-809 Rochester-Ochsner's Haemostatic Forceps, straight, 7 1/4 inches, screw lock.....	1.50	B/-825 Rochester-Pean's Haemostatic Forceps, straight, 6 1/4 inches.....	1.15
B/-811 Rochester-Ochsner's Haemostatic Forceps, straight, 6 1/2 inches, with anti-twist jaw.....	1.35	B/-827 Rochester-Pean's Haemostatic Forceps, straight, 6 1/4 inches.....	1.25
B/-813 Rochester-Ochsner's Haemostatic Forceps, straight, 7 1/4 inches, with anti-twist jaw.....	1.60	B/-829 Rochester-Pean's Haemostatic Forceps, straight, 6 1/4 inches, with anti-twist jaw.....	1.35
		B/-830 Rochester-Pean's Haemostatic Forceps, straight, 8 inches, with anti-twist jaw.....	1.85

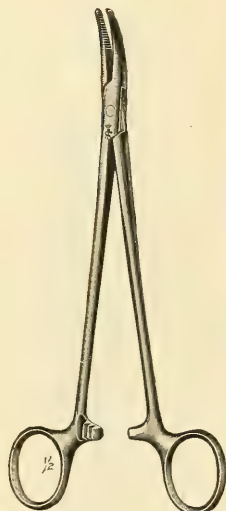




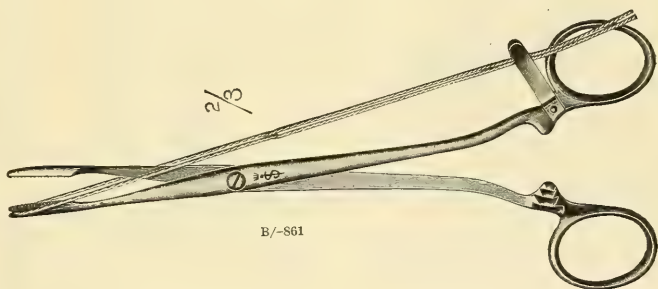
E/-835-37



B/-839-40



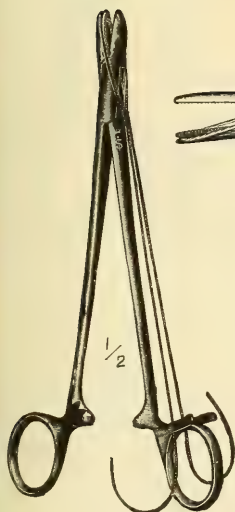
E/-849



B/-861

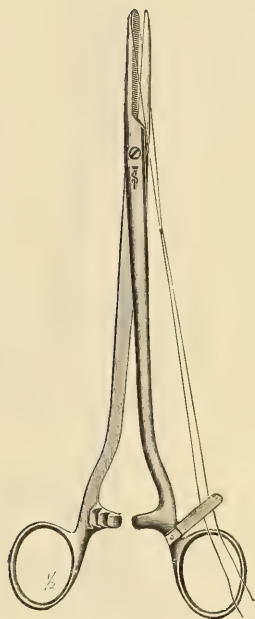
## Haemostatic Forceps

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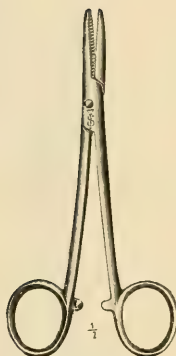


B/-855-57

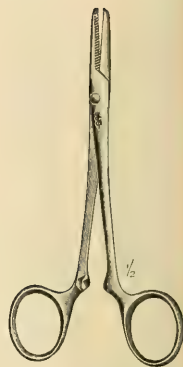
	Each
B/-835 Rochester-Pean's Haemostatic Forceps, curved, 5 1/2 inches, screw lock. ....	\$ 1.25
B/-837 Rochester-Pean's Haemostatic Forceps, curved, 6 1/4 inches, screw lock. ....	1.50
B/-839 Rochester-Pean's Haemostatic Forceps, curved, 6 1/4 inches, with anti-twist jaw .....	1.60
B/-840 Rochester-Pean's Haemostatic Forceps, curved, 8 inches, with anti-twist jaw .....	2.10
B/-849 Schmidt's Haemostatic Forceps, curved, with box (mortise) joint .....	1.75
B/-855 Shoemaker's Haemostatic Forceps, combined with ligature carrier and needle holder, 5 3/4 inches .....	2.25
B/-857 Shoemaker's Haemostatic Forceps, combined with ligature carrier and needle holder, 7 inches .....	2.50
B/-861 Shoemaker-Murphy's Haemostatic Forceps, with ligature carrier .....	2.25
(Shoemaker's Forceps, U. S. Patent July 3, 1906; Patented in Canada.)	



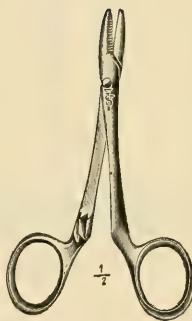
B/-864



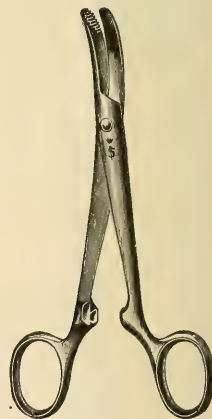
B/-870-71



B/-875



B/-SS4-S7



B/-889

## Haemostatic Forceps

(Continued)

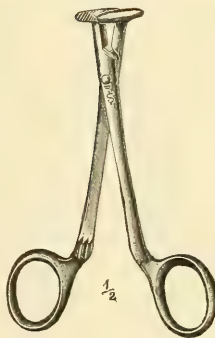
	Each		Each
B/-864 Shoemaker-Rosenheim's Haemostatic Forceps, with ligature carrier	\$ 3.50	B/-884 Tait's Haemostatic Forceps, regular, 4, 4 1/2, 5 inches	\$ .75
B/-870 Spencer-Well's Haemostatic Forceps, heavy, 7 inches	1.50	B/-887 Tait's Haemostatic Forceps, regular, 5 1/2 inches	.90
B/-871 Spencer-Well's Haemostatic Forceps, light, 4 3/4 inches	1.00	B/-889 Tait's Haemostatic Forceps, regular, curved	.90
B/-875 Spencer-Well's Haemostatic Forceps, latest pattern	.75		



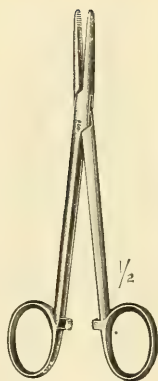
B/-892



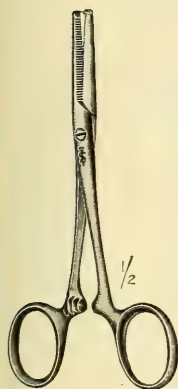
B/-900



B/-902



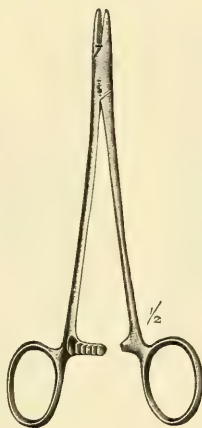
B/-906



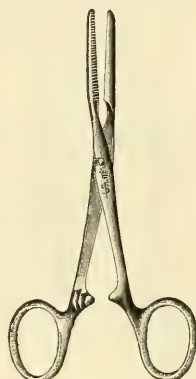
B/-912



B/-915



B/-922

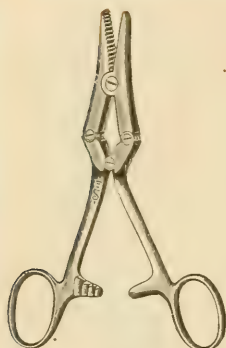


B/-925

## Haemostatic Forceps

(Continued)

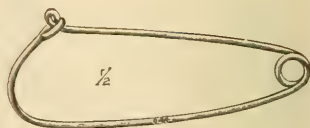
	Each		Each
B/-892 Tait's Haemostatic Forceps, angular	\$ .90	B/-912 Van Hook's Haemostatic Forceps, 5 1/4 inches, mouse teeth	\$ 1.00
B/-900 Thornton's Haemostatic Forceps, curved	1.25	B/-915 Van Lennep's Haemostatic Forceps, 6 inches, Collin's lock	1.50
B/-902 Thornton's Haemostatic Forceps, T-shaped, 4 and 5 inches	1.50	B/-922 Wood's Haemostatic Forceps, 6 inches, fine pointed, with box (mortise) joint	2.50
B/-906 Tousey's Haemostatic Forceps, 5 1/4 inches, with box (mortise) joint	1.65	B/-925 Wyeth's Haemostatic Forceps, long jaw	1.25



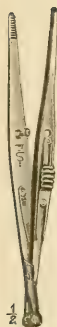
B/-930



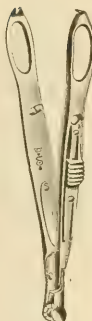
B/-934



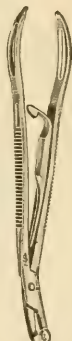
B/-935



B/-952



B/-954



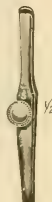
B/-956



B/-958



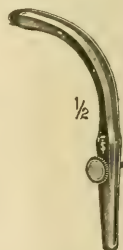
B/-963



B/-966



B/-968



B/-970

## Haemostatic Forceps

(Continued)

	Each
B/-930 Zweifel's Haemostatic Forceps, lever action.....	\$ 4.00
B/-934 Key Ring, for holding haemostatic forceps.....	.10
B/-935 Bunts' Clamp, for holding haemostatic forceps.....	.15

## Artery and Torsion Forceps

B/-952 Park's Artery Forceps and Needle Holder, combined.....	1.50
B/-954 Artery Forceps and Needle Holder, combined, with slide catch.....	1.50
B/-956 Artery Forceps and Needle Holder, combined, with spring catch.....	1.50
B/-958 Senn's Artery Forceps and Needle Holder, combined.....	1.75
B/-963 Bergmann's Artery Forceps, with mouse teeth.....	2.00
B/-966 Crile's Carotid Clamps, straight, 3 inches.....	.75
B/-968 Crile's Carotid Clamps, slightly curved, 4 3/4 inches.....	1.25
B/-970 Crile's Carotid Clamps, full curved, 3 3/4 inches.....	1.25





B/-980



B/-987



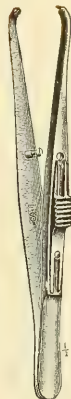
B/-989



B/-991



B/-995



B/-1002



B/-1007



B/-1009



B/-1015



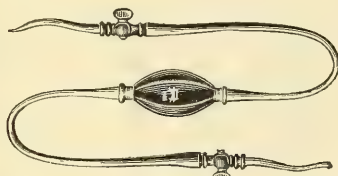
B/-1020-21



B/-1025



B/-1027



B/-1040

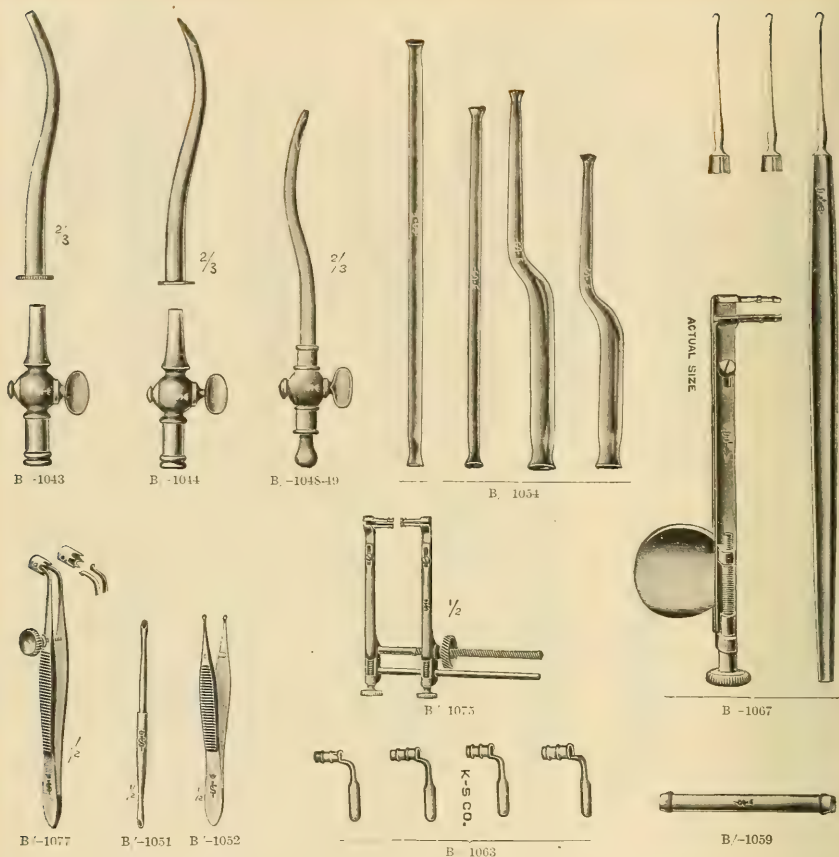
## Artery and Torsion Forceps

(Continued)

	Each		Each
B/- 980 <b>Fricke's</b> Artery Forceps, with slide catch, $3\frac{1}{2}$ , 4, $4\frac{1}{2}$ and 5 inches...	\$ 1.50	B/-1007 <b>Senn's</b> Artery Forceps, with spring catch, mouse teeth, $4\frac{3}{4}$ inches...	\$ 2.00
B/- 987 <b>Lister's</b> Artery Forceps, fenestrated, with mouse teeth.....	1.50	B/-1009 <b>Senn's</b> Artery Forceps, with slide catch, mouse teeth, $3\frac{3}{8}$ inches....	2.00
B/- 989 <b>Liston's</b> Artery Forceps, with spring catch, serrated jaw, $5\frac{1}{4}$ inches ...	1.00	B/-1015 Wound Clamp, for closing lips of wounds.....	2.25
B/- 991 <b>Liston's</b> Artery Forceps, with spring catch, mouse teeth, $5\frac{1}{4}$ and $5\frac{3}{4}$ inches.....	1.25	B/-1020 <b>Beck's</b> Margin Wound Clamp, $3\frac{3}{4}$ inches.....	2.25
B/- 995 <b>Luer's</b> Artery Forceps, with slide catch, fenestrated jaw.....	1.50	B/-1021 <b>Beck's</b> Margin Wound Clamp, $2\frac{1}{4}$ inches.....	2.00
B/-1002 <b>Roser's</b> Artery Forceps, with slide catch, mouse teeth.....	1.35	B/-1025 <b>Dieffenbach's</b> Serrefine, straight....	.45
		B/-1027 <b>Dieffenbach's</b> Serrefine, curved....	.50

## Blood Transfusion

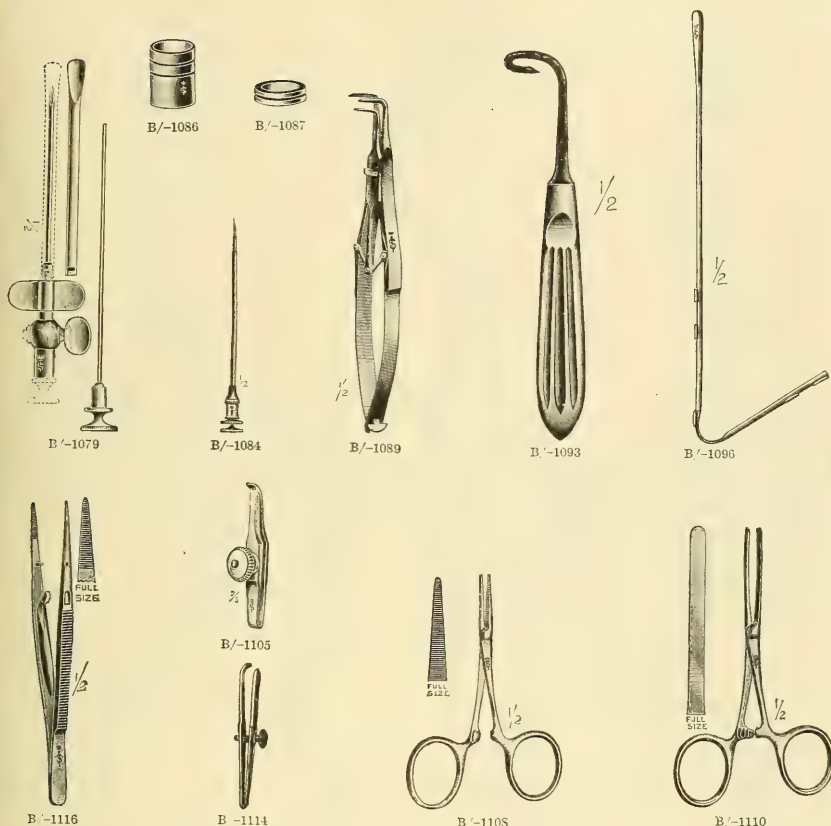
B/-1040 <b>Aveling's</b> Transfusion Apparatus .....	5.25
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## Blood Transfusion

(Continued)

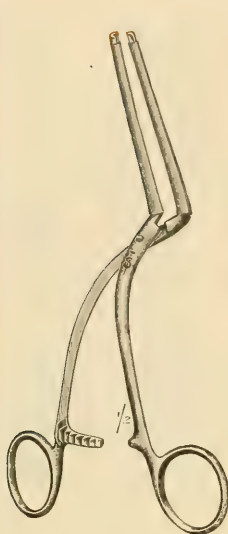
	Each		Each
B/-1043 Aveling's Transfusion Canula, with stopcock.....	\$ 1.00	B/-1054 Brewer's Transfusion Canula, glass, 4 styles.....	\$ .25
B/-1044 Aveling's Transfusion Canula, with stopcock, oblique end.....	1.00	B/-1059 Carrel's Transfusion Canula, gold, 3 sizes, 2, 2½ and 3 mm. diameter	2.00
B/-1048 Bellevue Hospital Transfusion Canula, with stopcock.....	.75	B/-1063 Crile's Transfusion Canula, set of 4, silver-plated, in case.....	3.00
B/-1049 Bellevue Hospital Transfusion Canula, without stopcock.....	.50	B/-1067 Elsberg's Transfusion Canula, with 3 tenacula, in case.....	10.00
B/-1051 Bernheim's Transfusion Canula, set of 2.....	2.75	B/-1075 Jeger-Elsberg's Transfusion Canula	10.00
B/-1052 Bernheim's Introducing Forceps...	3.00	B/-1077 Landon's Transfusion Canula, set of 3, with introducing forceps.....	3.00



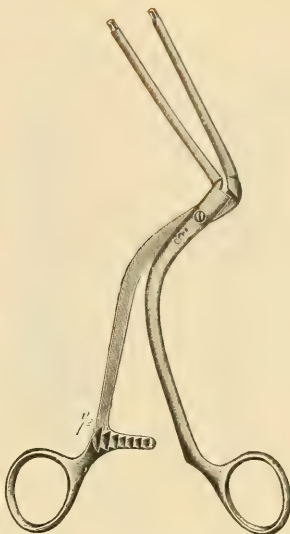
## Blood Transfusion

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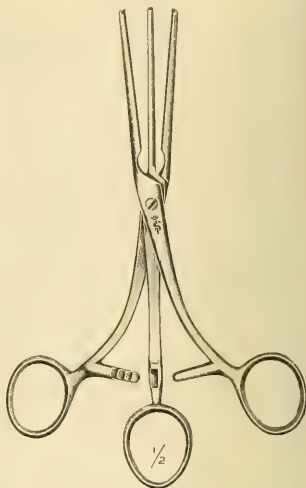
	Each
B/-1079 Lane's Transfusion Canula, with stopcock, stilette, tubing mounts and shield.....	\$ 2.75
B/-1084 Lindeman's Transfusion Canula, fitting "Record" syringes.....	1.75
B/-1086 Payr's Magnesium Prosthesis Tubes, 6 sizes, 3, 4, 5, 6, 7 and 8 mm. diameter.....	1.00
B/-1087 Payr's Magnesium Prosthesis Rings, 6 sizes, 4, 6, 7, 8, 9 and 11 mm. diameter.....	1.00
B/-1089 Carrel's Vein Dilator, 3 bladed.....	7.50
B/-1093 Goodwin's Vein Dilator, for facilitating introduction of canula.....	1.50
B/-1096 Horsley's Staff, for vein anastomosis.....	2.50
B/-1105 Carrel's Radial Clamp.....	.75
B/-1108 Carrel's Radial Hæmostatic Forceps, 3 1/4 inches, serrated jaw.....	1.50
B/-1110 Carrel's Radial Hæmostatic Forceps, 4 inches, smooth jaw.....	1.50
B/-1114 Crile's Radial Clamp.....	.75
B/-1116 Crile's Radial Hæmostatic Forceps.....	1.75



B/-1121



B/-1122



B/-1123



B/-1128



B/-1118



B/-1129

B/-1145



B/-1150-52

### Blood Transfusion

(Continued)

	Each
B/-1118 Horsley's Forceps, for arterio-venous aneurism.....	\$ 2.25
B/-1121 Jeger's Vessel Forceps, opening laterally.....	3.50
B/-1122 Jeger's Vessel Forceps, opening antero-posteriorly.....	3.50
B/-1123 Jeger's Vessel Forceps, three-bladed for side to side vein anastomosis.....	9.00
B/-1128 Schepelmann's Vessel Forceps, flat jaw.....	2.25
B/-1129 Schepelmann's Vessel Forceps, round jaw.....	2.25
B/-1145 Kirby's Needles, for suturing blood vessels, per package of 25.....	.25
B/-1150 Silk for suturing vessels, 5 meters on reel.....	.50
B/-1151 Silk for suturing vessels, 10 meters on reel.....	1.00
B/-1152 Silk for suturing vessels, 50 meters on reel.....	3.50





B/-1175



B/-1180



B/-1182



B/-1184



B/-1186



B/-1188



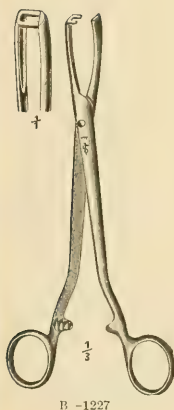
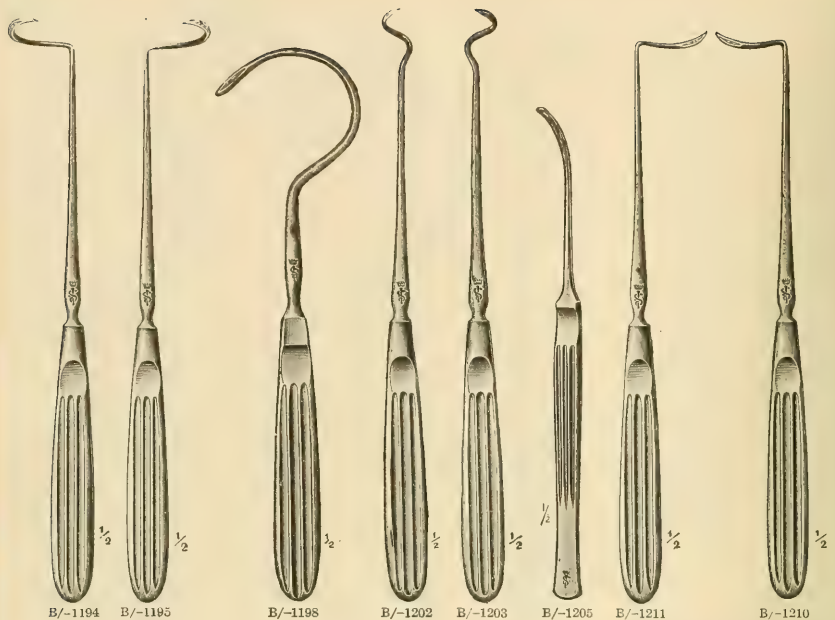
B/-1190



B/-1170-71

### Aneurism Needles

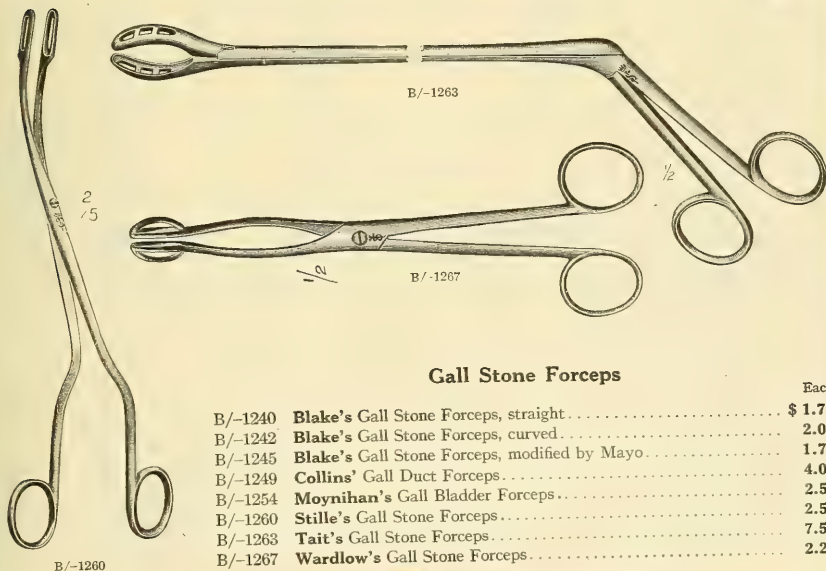
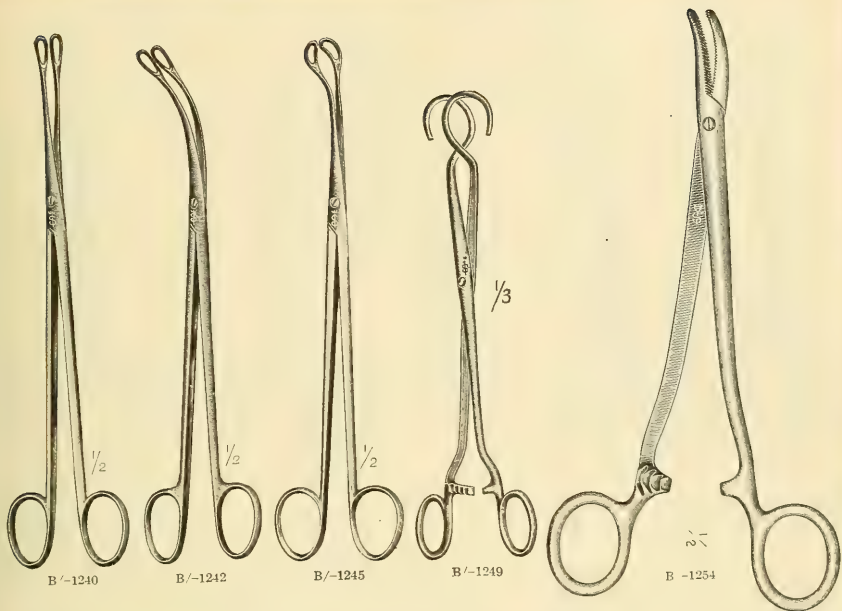
	Each
B/-1170 <b>Carstens'</b> Aneurism Needle, right .....	\$ 1.25
B/-1171 <b>Carstens'</b> Aneurism Needle, left .....	1.25
B/-1175 <b>Cooper's</b> Aneurism Needle .....	.85
B/-1180 <b>Deschamp's</b> Aneurism Needle, right, sharp .....	1.25
B/-1182 <b>Deschamp's</b> Aneurism Needle, right, blunt .....	1.25
B/-1184 <b>Deschamp's</b> Aneurism Needle, left, sharp .....	1.25
B/-1186 <b>Deschamp's</b> Aneurism Needle, left, blunt .....	1.25
B/-1188 <b>Deschamp's</b> Aneurism Needle, extra large, right .....	1.75
B/-1190 <b>Deschamp's</b> Aneurism Needle, extra large, left .....	1.75



### Aneurism Needles

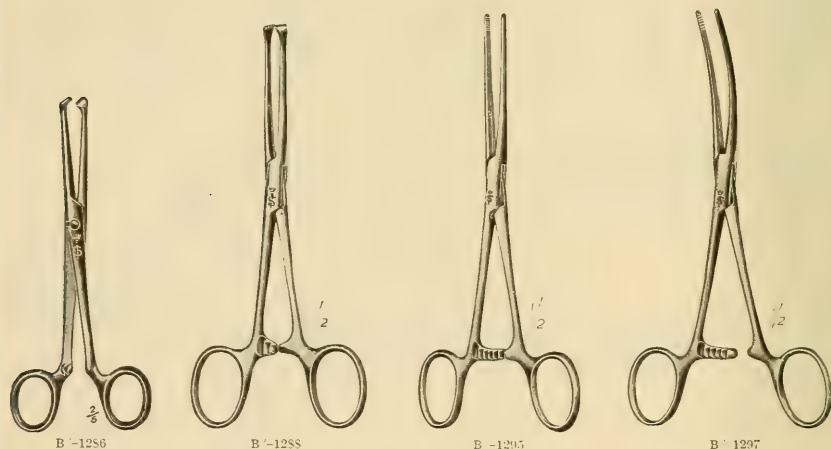
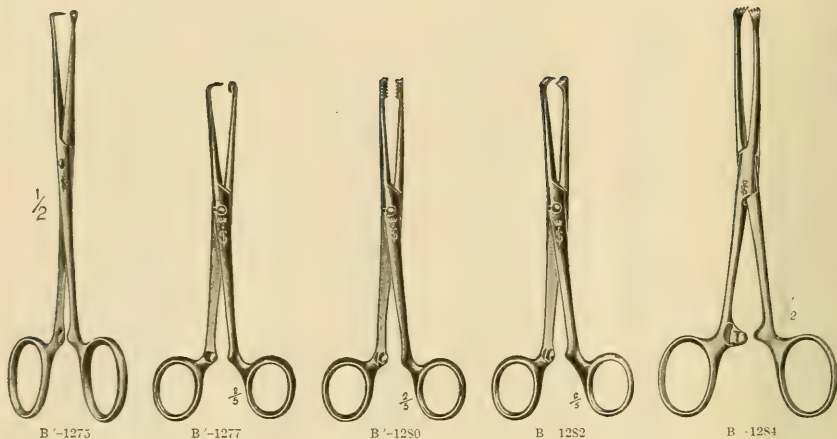
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	Each
B/-1194 <b>Greene's</b> Aneurism Needle, right, sharp.....	\$ 1.25
B/-1195 <b>Greene's</b> Aneurism Needle, left, sharp.....	1.25
B/-1198 <b>Langenbeck's</b> Aneurism Needle, large curve.....	1.25
B/-1202 <b>Peaslee's</b> Aneurism Needle, spiral, right.....	1.25
B/-1203 <b>Peaslee's</b> Aneurism Needle, spiral, left.....	1.25
B/-1205 <b>Symes'</b> Aneurism Needle.....	1.00
B/-1210 <b>Wilson's</b> Aneurism Needle, right.....	1.00
B/-1211 <b>Wilson's</b> Aneurism Needle, left.....	1.00
B/-1218 <b>Babcock's</b> Vein Stripper, double-ended.....	1.00
B/-1224 <b>Mayo's</b> Vein Stripper, 3 sizes.....	1.50
B/-1227 <b>Mayo's</b> Vein Dissecting Forceps.....	2.50



### Gall Stone Forceps

	Each
B/-1240 Blake's Gall Stone Forceps, straight.....	\$ 1.75
B/-1242 Blake's Gall Stone Forceps, curved.....	2.00
B/-1245 Blake's Gall Stone Forceps, modified by Mayo.....	1.75
B/-1249 Collins' Gall Duct Forceps.....	4.00
B/-1254 Moynihan's Gall Bladder Forceps.....	2.50
B/-1260 Stille's Gall Stone Forceps.....	2.50
B/-1263 Tait's Gall Stone Forceps.....	7.50
B/-1267 Wardlaw's Gall Stone Forceps.....	2.25



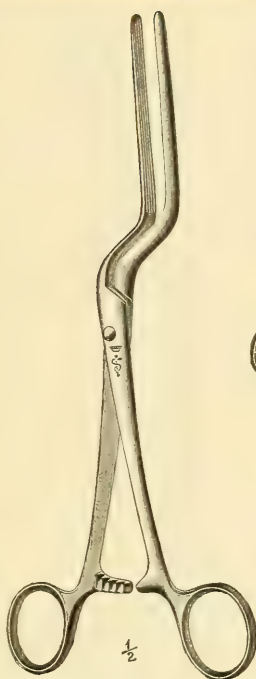
### Intestinal Forceps

	Each		Each
B/-1275 Allis' Tack Forceps, 6 inches.....	\$ 1.50	B -1286 Allis' Intestinal Forceps, 6 inches, 5x6 teeth.....	\$ 1.50
B/-1277 Allis' Tack Forceps, 6 inches, with hook end.....	1.50	B/-1288 Allis' Intestinal Forceps, 6 inches, 5x6 teeth, box (mortise) joint.....	2.00
B/-1280 Allis' Intestinal Forceps, 6 inches, serrated jaw.....	1.50	B/-1295 Bainbridge's Intestinal Tissue For- ceps, straight, box (mortise) joint..	2.25
B/-1282 Allis' Intestinal Forceps, 6 inches, 4x5 teeth.....	1.50	B/-1297 Bainbridge's Intestinal Tissue For- ceps, curved, box (mortise) joint..	2.50
B/-1284 Allis' Intestinal Forceps, 6 inches, 4x5 teeth, box (mortise) joint.....	2.00		

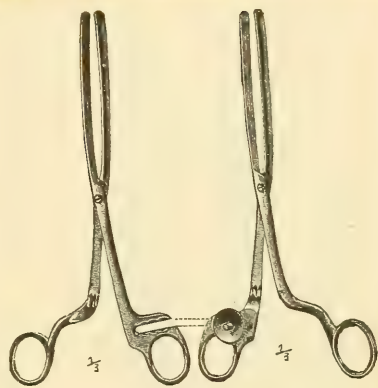




B/-1300-02



B/-1309



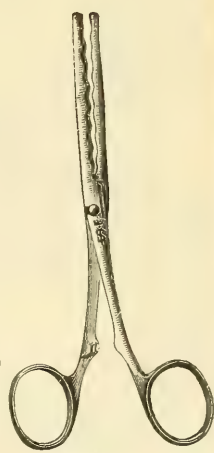
B/-1312



FULL  
SIZE



B/-1317

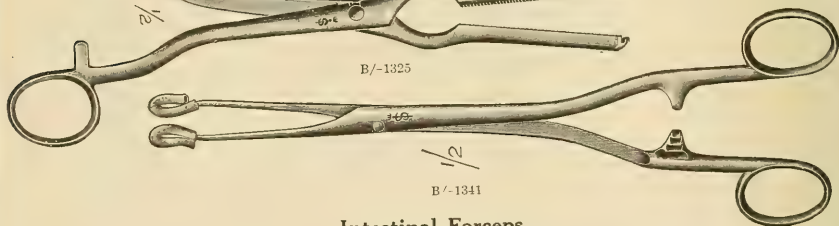
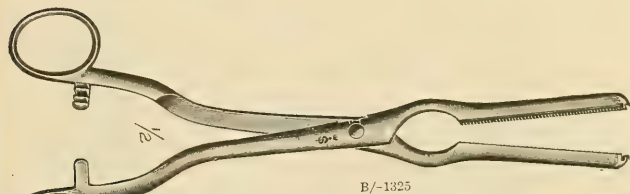
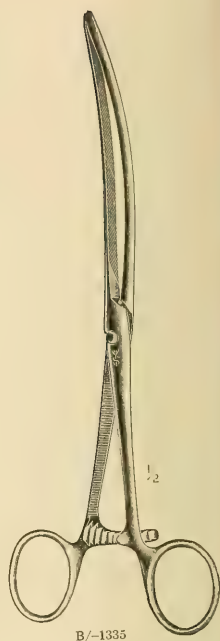
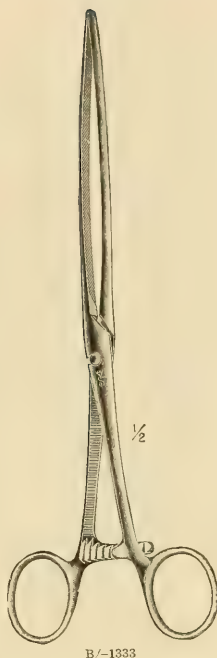
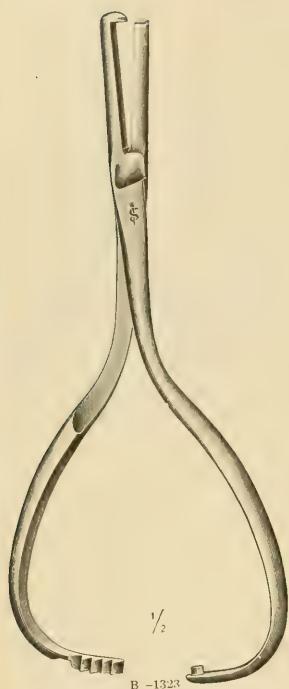


B/-1320

### Intestinal Forceps

(Continued)

	Each
B/-1300 <b>Barrett's</b> Intestinal Forceps, 8 1/4 inches, with soft rubber jaw.....	\$ 3.50
B/-1302 <b>Barrett's</b> Intestinal Forceps, 6 1/4 inches, with soft rubber jaw.....	3.00
B/-1309 <b>Brunner's</b> Intestinal Forceps, 10 inches, bayonet shape.....	3.00
B/-1312 <b>Carwardine's</b> Intestinal Forceps, 7 3/4 inches, set of 2.....	6.50
B/-1317 <b>Child's</b> Intestinal Forceps, 9 3/4 inches.....	2.25
B/-1320 <b>Collin's</b> Intestinal Forceps, 6 1/4 inches.....	3.00



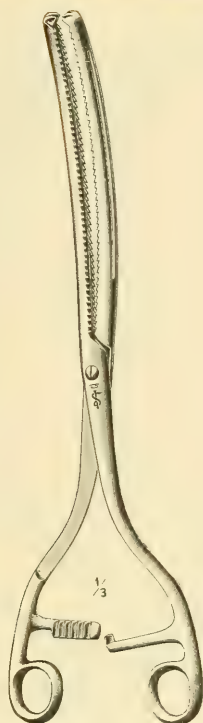
### Intestinal Forceps

(Continued)

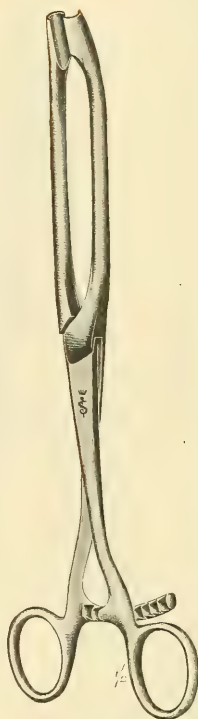
	Each
B/-1323 Corner's Appendectomy Forceps, 9 inches.....	\$ 5.50
B/-1325 Crile's Appendectomy Forceps, 9 inches.....	2.75
B/-1333 Doyen's Intestinal Forceps, 8 3/4 inches, straight.....	2.50
B/-1335 Doyen's Intestinal Forceps, 9 inches, curved.....	2.50
B/-1341 Eastman's Viscera Forceps, 9 1/2 inches, with rubber covered jaws.....	3.00



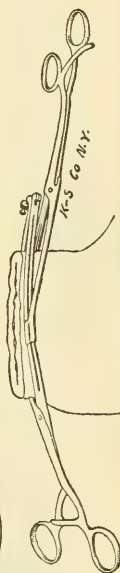
B/-1345



B/-1347



B/-1352



B/-1360

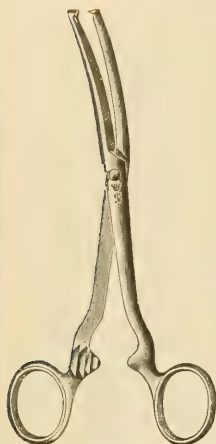


B/-1363

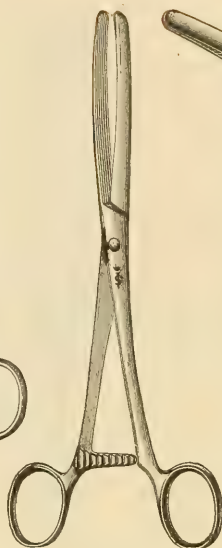
## Intestinal Forceps

(Continued)

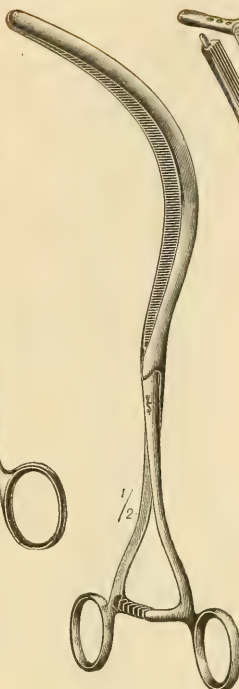
	Each
B/-1345 Graser's Intestinal Forceps, 11 inches.....	\$ 6.50
B/-1347 Graser's Stomach Forceps, 15 1/2 inches.....	8.00
B/-1352 Hertle's Clamp, for closing stomach forceps.....	5.50
B/-1360 Kelly's Appendectomy Forceps.....	4.50
B/-1363 Knapp's Intestinal Forceps, wire, 7 inches.....	1.25



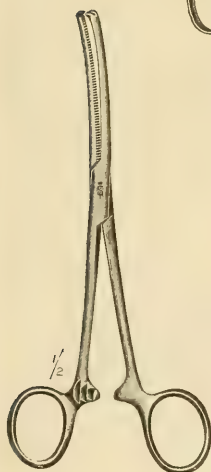
B/-1371



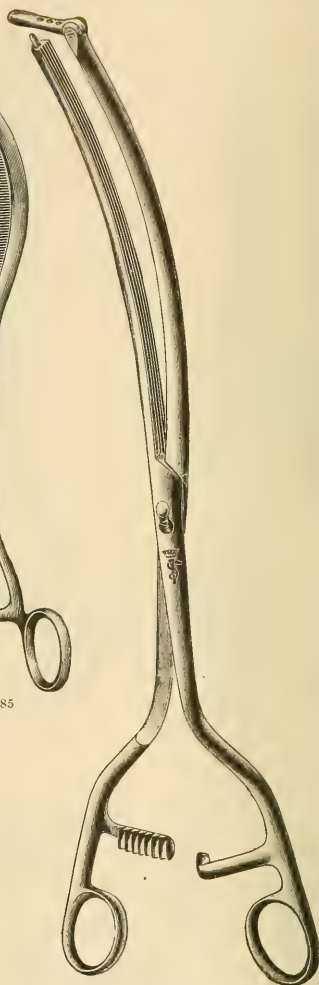
B 1376-78



B' 1385



B/-1373



B/-1384

### Intestinal Forceps

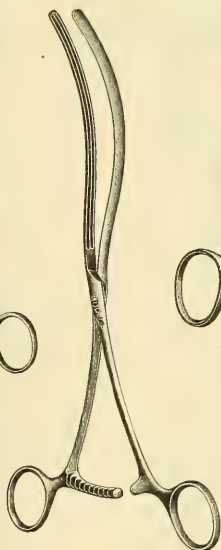
(Continued)

	Each		Each
B/-1371 Kocher's Hernia Sac Forceps, aseptie or screw joint, 6 3/4 inches.....	\$ 1.75	B/-1378 Kocher's Intestinal Forceps, spring blade, 9 3/4 inches.....	\$ 2.50
B/-1373 Kocher's Hernia Sac Forceps, box (mortise) joint, 6 3/4 inches.....	2.00	B/-1384 Kocher's Stomach Forceps, for resection, 14 1/2 inches.....	5.50
B/-1376 Kocher's Intestinal Forceps, spring blade, 8 inches.....	2.00	B/-1385 Kocher's Stomach Forceps, full curved.....	4.00

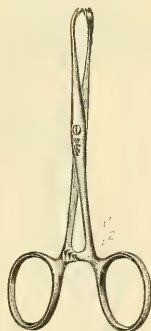




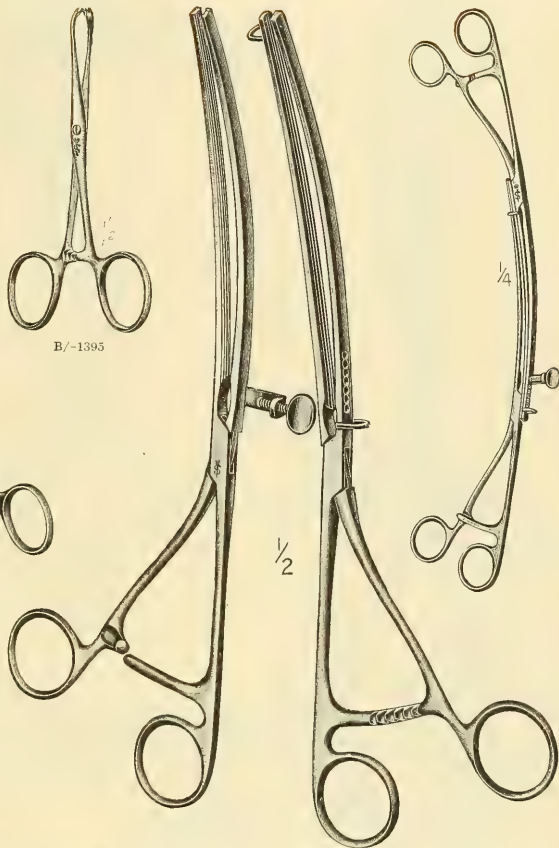
B/-1387



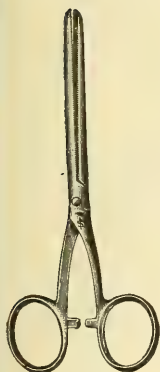
B/-1389-91



B/-1395



B/-1400

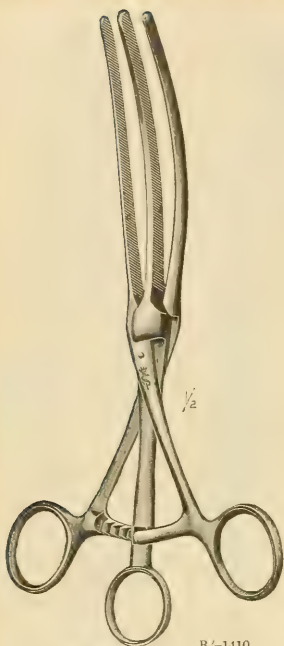


B/-1405

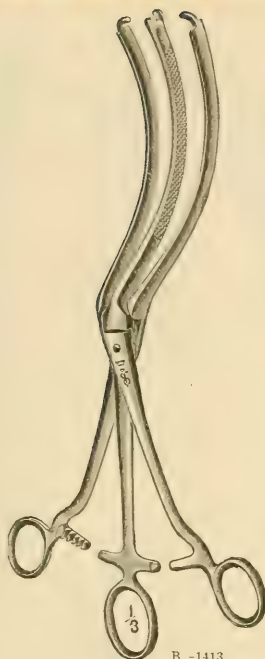
### Intestinal Forceps

(Continued)

	Each
B/-1387 <b>Kocher's</b> Occlusion Forceps, $7\frac{1}{2}$ inches.....	\$ 2.25
B/-1389 <b>Kocher's</b> Intestinal Forceps, double curved, $9\frac{3}{4}$ inches.....	2.50
B/-1391 <b>Kocher's</b> Intestinal Forceps, double curved, $10\frac{1}{2}$ inches.....	2.75
B/-1395 <b>Kocher's</b> Intestinal Tissue Forceps, 2x3 teeth.....	1.50
B/-1400 <b>Lane's</b> Gastrò-Enterostomy Forceps, curved.....	20.00
B/-1405 <b>Laplace's</b> Invagination Forceps, 5 inches.....	1.25



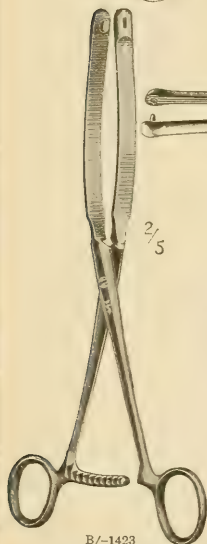
B/-1410



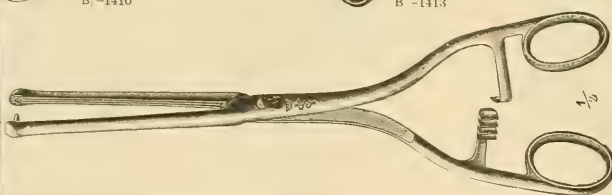
B -1413



B/-1427



B/-1423



B 1417

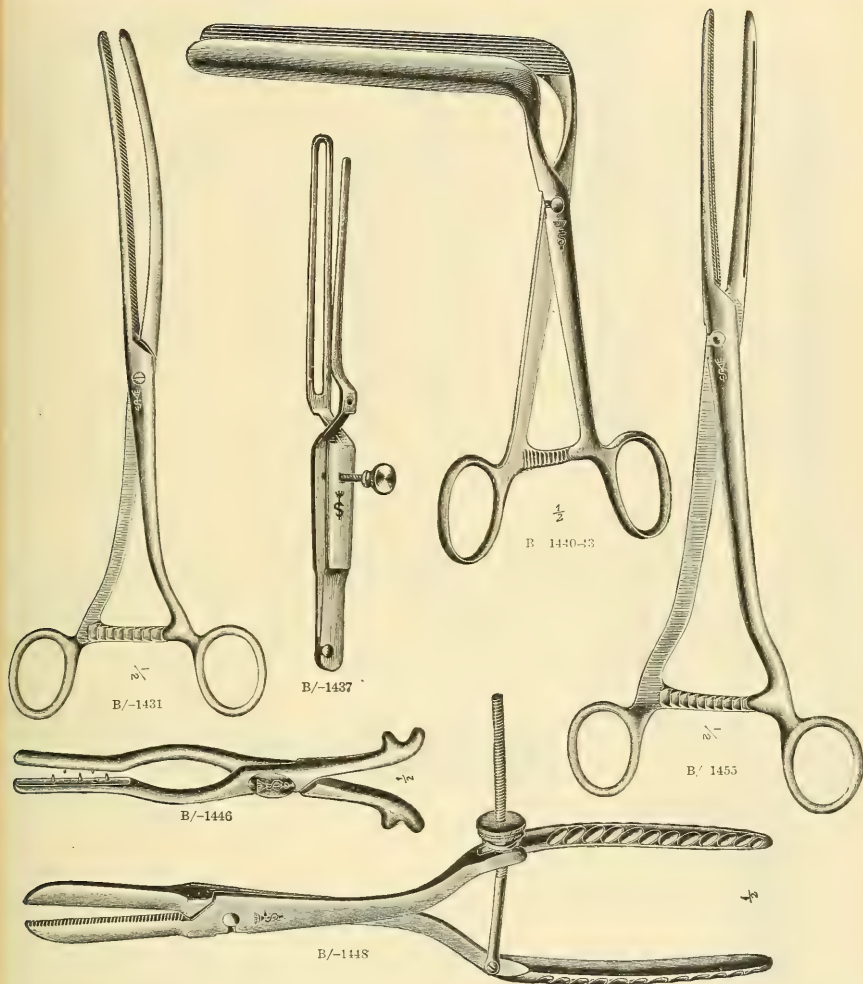


B/-1420

### Intestinal Forceps

(Continued)

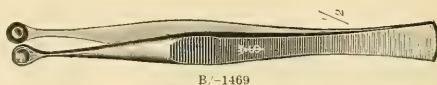
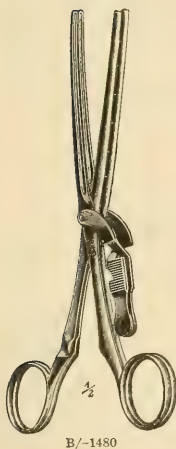
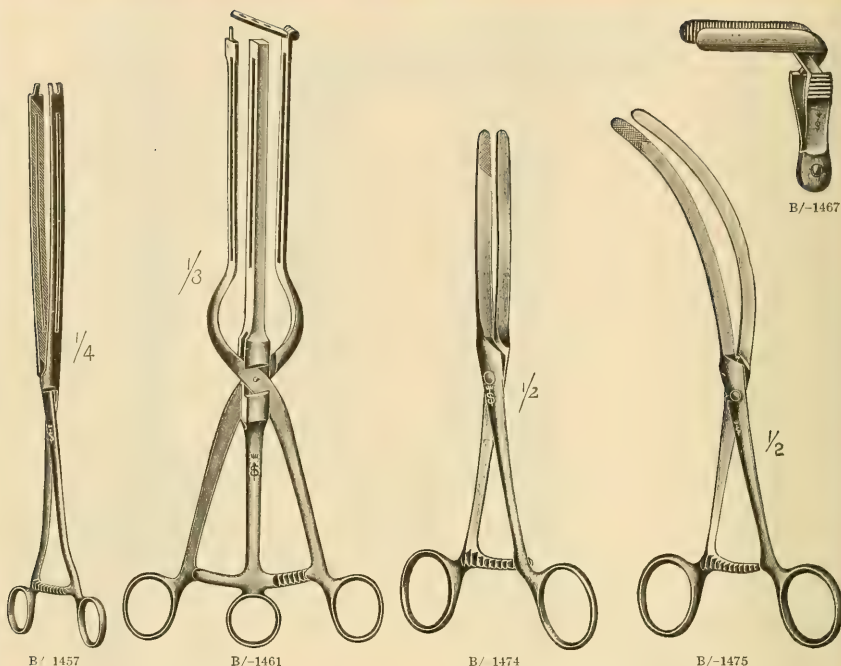
	Each
B -1410 Linnartz's Intestinal Forceps, 3 bladed, 8 3/4 inches.....	\$10.00
B -1413 Linnartz's Gastro-Enterostomy Forceps, 3 bladed, 13 1/2 inches.....	15.00
B/-1417 MacDonald's Intestinal Forceps, 8 1/2 inches.....	3.25
B/-1420 McGuire's Intestinal Tissue Forceps, 6 1/4 inches.....	1.50
B/-1423 Marro's Intestinal Forceps.....	4.00
B/-1427 Martini's Intestinal Forceps, 8 1/2 inches...	3.50



### Intestinal Forceps

(Continued)

		Each
B/-1431	Mayo-Robson's Intestinal Forceps, spring blades, 10 inches	\$ 3.00
B/-1437	Meissenbach's Intestinal Forceps, 7 $\frac{1}{4}$ inches	4.00
B/-1440	Mikulicz's Intestinal Forceps, angular blades, 2 $\frac{3}{4}$ x $\frac{3}{8}$ inches	4.00
B/-1441	Mikulicz's Intestinal Forceps, angular blades, 4 $\frac{3}{4}$ x $\frac{3}{8}$ inches	4.50
B/-1443	Mikulicz's Intestinal Forceps, angular blades, 4 $\frac{3}{4}$ x $\frac{1}{2}$ inches	5.00
B/-1446	Mikulicz's Intestinal Forceps (spornquetsche), 5 $\frac{1}{4}$ inches	4.00
B/-1448	Mikulicz's Intestinal Forceps (enterotripter), 11 $\frac{1}{2}$ inches	5.50
B/-1455	Moynihan's Intestinal Forceps, 11 $\frac{1}{2}$ inches	3.25



### Intestinal Forceps

(Continued)

	Each
B/-1457 Moynihan's Stomach Forceps, 15 inches.....	\$ 7.50
B/-1461 Moynihan's Gastro-Enterostomy Forceps, 3 bladed, 13 inches.....	16.50
B/-1467 Murphy's Intestinal Forceps, angular.....	1.15
B/-1469 Murphy-Barrett's Intestinal Forceps, with soft rubber tips....	2.00
B/-1474 Novaro's Intestinal Forceps, spring blades, straight, 7 1/2 inches.....	2.50
B/-1475 Novaro's Intestinal Forceps, spring blades, curved, 9 inches..	2.75
B/-1480 O'Hara's Intestinal Forceps, set of 2, 6 1/4 inches.....	5.00





B/-1485-86



B/-1487-88

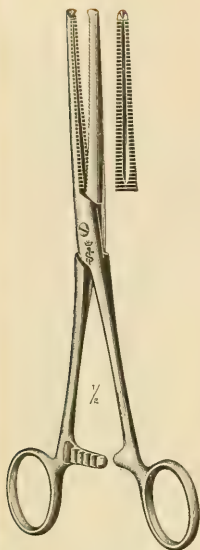


B/-1491-93

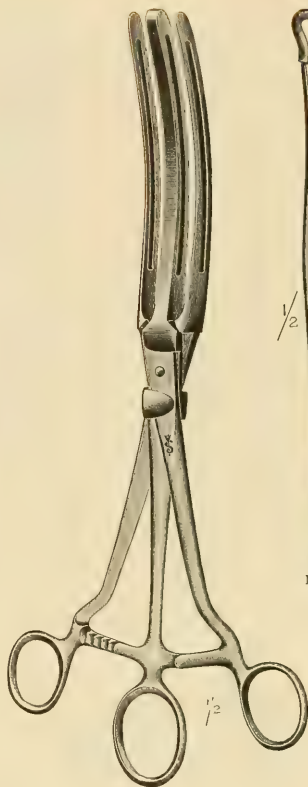
### Intestinal Forceps

(Continued)

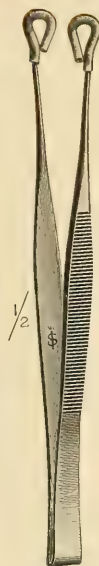
B/-1485	Payr's Intestinal Forceps, straight, 9½-inches.....	\$ 4.75
B/-1486	Payr's Intestinal Forceps, straight, 10½-inches.....	5.00
B/-1487	Payr's Intestinal Forceps, curved, 9½-inches.....	5.25
B/-1488	Payr's Intestinal Forceps, curved, 10½-inches.....	5.50
B/-1491	Payr's Pylorus Clamp, 8-inches.....	10.00
B/-1492	Payr's Pylorus Clamp, 11-inches.....	12.00
B/-1493	Payr's Pylorus Clamp, 13¼-inches.....	13.50



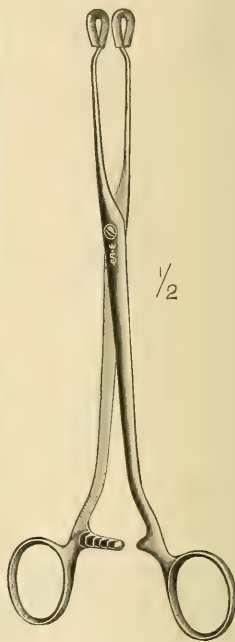
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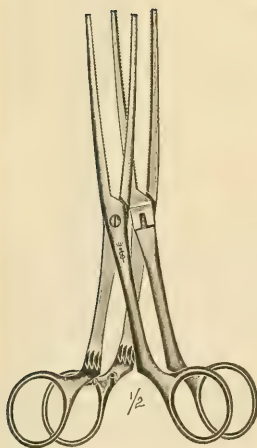
B/-1495



B/-1513



B/-1511

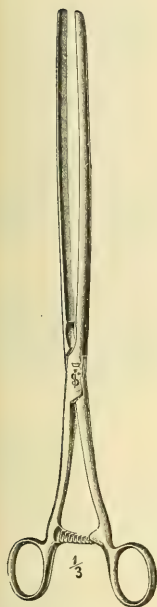


B/-1507

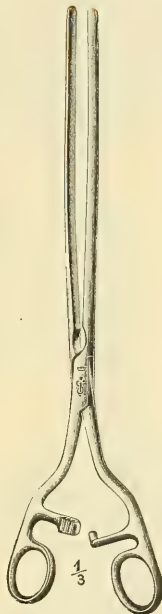
### Intestinal Forceps

(Continued)

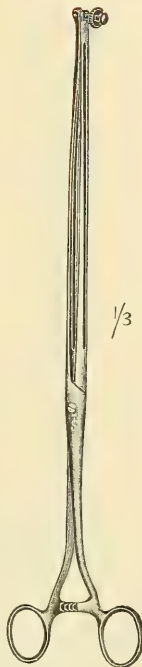
	Each
B/-1495 <b>Roosevelt's</b> Gastro-Enterostomy Forceps, 3 bladed, 12 1/2 inches.....	\$12.00
B/-1503 <b>Rosenthal's</b> Hernia Forceps, 6 3/4 inches, flat shanks.....	2.25
B/-1504 <b>Rosenthal's</b> Hernia Forceps, 7 1/2 inches, round shanks.....	2.75
B/-1505 <b>Rosenthal's</b> Hernia Forceps, 8 7/8 inches, flat shanks.....	3.50
B/-1507 <b>Sanderson's</b> Intestinal Forceps, set of 2.....	8.50
B/-1511 <b>Schoenberg's</b> Intestinal Forceps, ring handle, 8 3/4 inches.....	3.00
B/-1513 <b>Schoenberg's</b> Intestinal Forceps, pincer shape, 7 3/4 inches.....	2.25



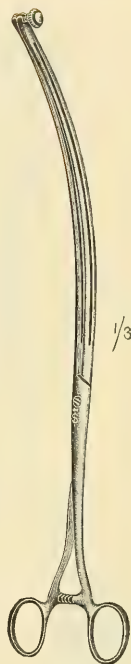
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B/-1528



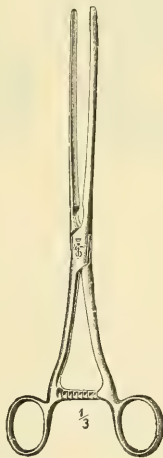
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B/-1532



B/-1521-22



B/-1524

### Intestinal Forceps

(Continued)

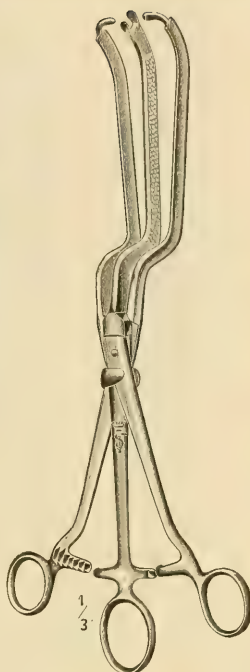
	Each
B/-1521 Scudder's Intestinal Forceps, fenestrated blades, 9 inches.....	\$ 3.50
B/-1522 Scudder's Intestinal Forceps, fenestrated blades, 9 3/4 inches.....	3.50
B/-1524 Scudder's Intestinal Forceps, solid blades, 9 1/2 inches.....	3.50
B/-1525 Scudder's Intestinal Forceps, solid blades, 13 inches.....	5.00
B/-1528 Scudder's Intestinal Forceps, solid blades, inverted ring handles, 13 inches.....	5.00
B/-1531 Scudder's Stomach Forceps, fenestrated blades, straight, 14 inches..	5.50
B/-1532 Scudder's Stomach Forceps, fenestrated blades, curved, 14 inches...	6.00



B/-1536



B/-1541



B/-1546



1



2



B/-1565



B/-1569



B/-1571



1



2



3



4

B/-1565-66

## Intestinal Forceps

(Continued)

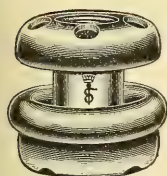
	Each
B/-1536 Smith's Intestinal Forceps .....	\$ 1.50
B/-1541 Thomas' (Lynn) Intestinal Forceps, 3 bladed .....	13.50
B/-1546 Young's Intestinal Forceps, soft rubber jaws .....	2.50

## Anastomosis Buttons

	Each
B/-1560 Jaboulay's, round, 3 sizes .....	3.75
B/-1565 Murphy's, round, 4 sizes .....	1.50
B/-1566 Murphy's, round, set of 4 .....	5.00
B/-1569 Murphy's, round, extra small, 1/2 inch diameter .....	2.25
B/-1571 Murphy's, round, small, 3/4 inch diameter .....	2.50

(Anastomosis Buttons are illustrated in full size.)

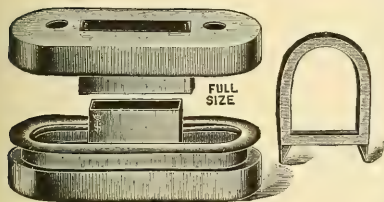




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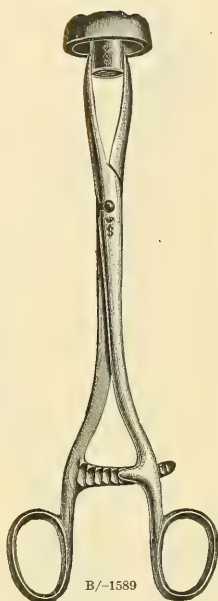
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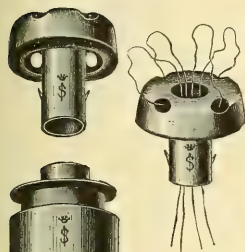
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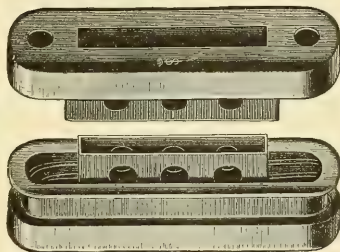
B/-1591



B/-1589



B/-1582



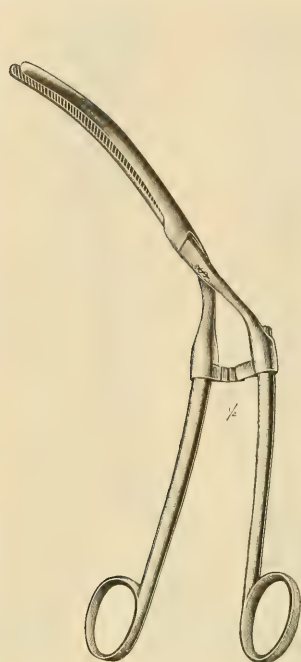
B/-1579

### Anastomosis Buttons

(Continued)

	Each
B/-1574 Murphy's, round, with center collar . . . . .	\$ 2.50
B/-1576 Murphy's, round, for large intestines . . . . .	2.50
B/-1579 Murphy's, oval, for gastro-enterostomy . . . . .	5.00
B/-1580 Murphy's, oval, for gastro-enterostomy, silver-plated . . . . .	4.50
B/-1582 Murphy's, cylindrical, for gall bladder . . . . .	2.50
B/-1589 Murphy's Forceps, for introducing buttons . . . . .	1.75
B/-1591 Murphy's Forceps, for introducing buttons, improved . . . . .	1.75

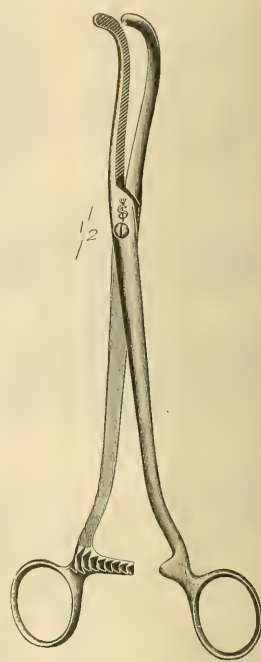
(Anastomosis Buttons are illustrated in full size.)



B/-1610



B -1620



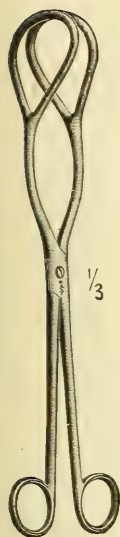
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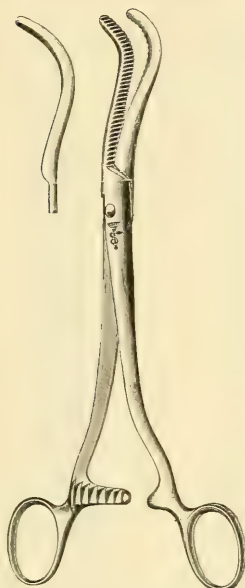
B/-1630

### Kidney Forceps

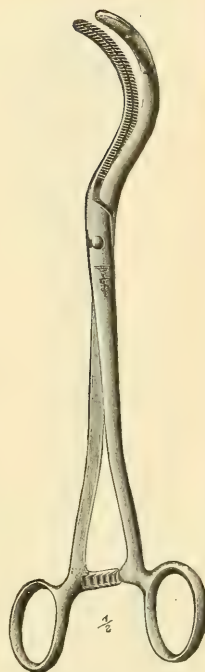
	Each
B/-1610 Albarran's Vessel Clamp, with detachable handles . . .	\$ 5.50
B/-1620 Guyon's Vessel Clamp, with teeth on jaw . . . . .	3.50
B/-1621 Guyon's Vessel Clamp, plain pattern . . . . .	3.25
B/-1630 Lower's Vessel Clamp . . . . .	5.00



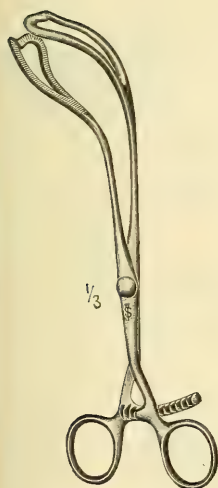
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B/-1634-36



B -1643

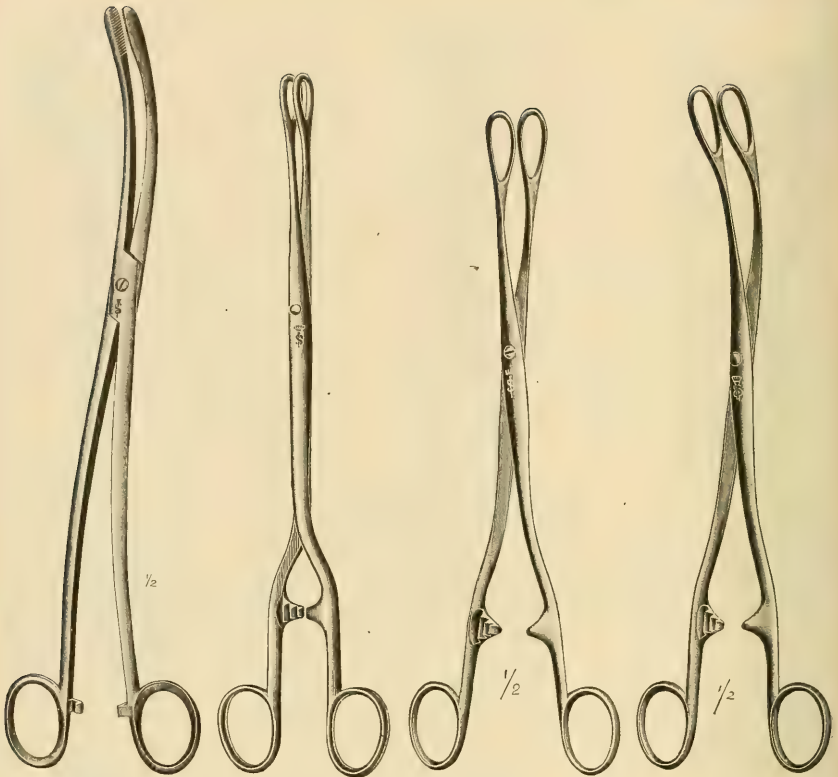


B/-1641

### Kidney Forceps

(Continued)

	Each
B/-1632 Lower's Kidney Elevating Forceps.....	\$ 3.50
B/-1634 Mayo's Vessel Clamp, 8 inches.....	1.75
B/-1635 Mayo's Vessel Clamp, 8¾ inches.....	2.00
B/-1636 Mayo's Vessel Clamp, 9½ inches.....	2.25
B/-1641 Sherk's Kidney Elevating Forceps.....	6.50
B/-1645 Stille's Vessel Clamp.....	5.00



B/-1660

B/-1667-73

B/-1675

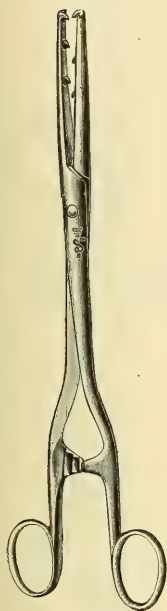
B/-1678

B/-1665

### Sponge Holding Forceps

	Each		Each
B/-1660 DeLee's, heavy.....	\$ 2.00	B/-1673 Foerster's, oval blades, 9¾ inches..	\$ 1.50
B/-1665 Emmett's.....	1.75	B/-1675 Foerster's, oval blades, extra large, Roosevelt Hospital pattern.....	1.75
B/-1667 Foerster's, oval blades, 6 inches ...	1.25	B/-1678 Foerster's, oval blades, curved.....	1.60
B/-1669 Foerster's, oval blades, 7 inches ...	1.35		

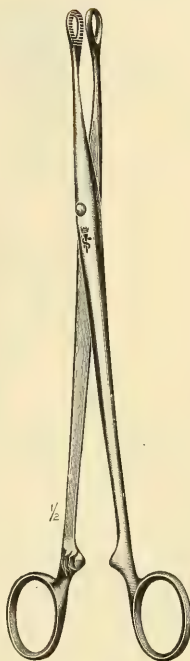




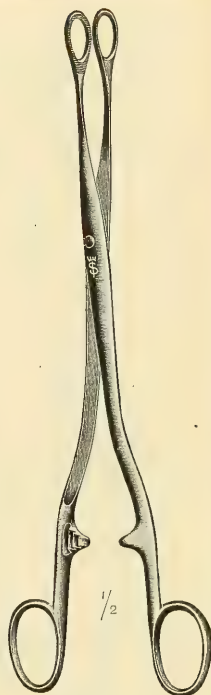
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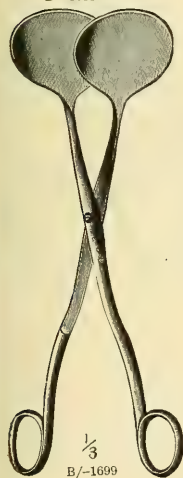
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B/-1695



B/-1704

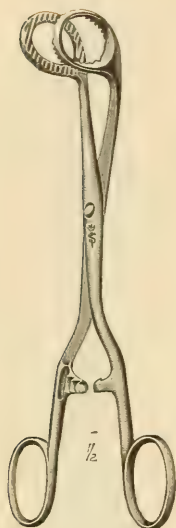


B/-1699

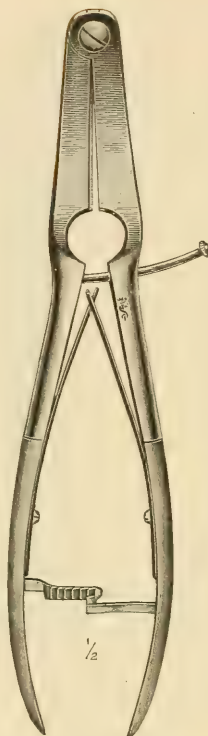
### Sponge Holding Forceps

(Continued)

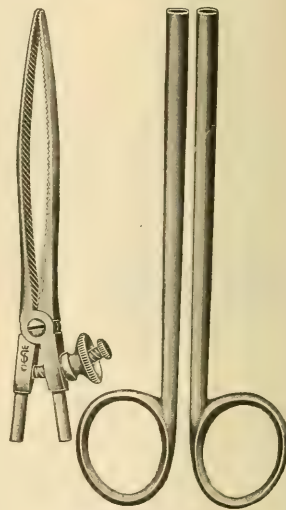
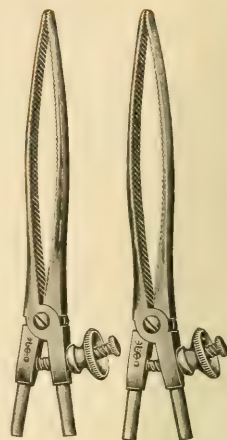
	Each
B/-1685 Kelly's.....	\$ 2.25
B/-1690 Miller's.....	2.25
B/-1695 Polk's, serrated blades.....	2.25
B/-1699 Smith's, for squeezing sterile sponges.....	3.50
B/-1704 Wilson's, serrated blades.....	1.75



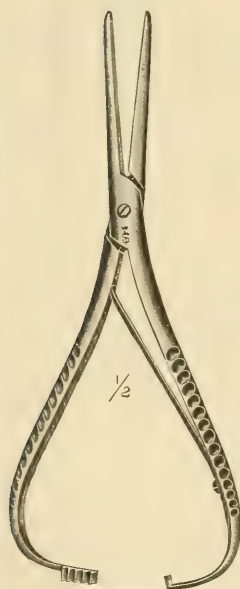
B/-1725



B/-1732



B/-1728



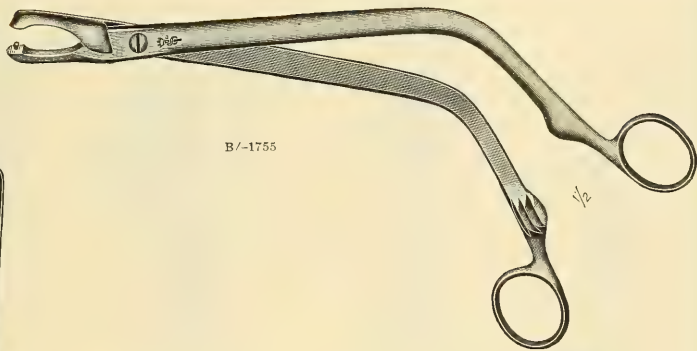
B/-1736

### Pile Clamps

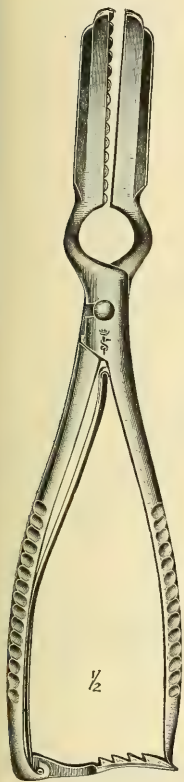
	Each
B/-1725 Ashton's, with fenestrated blades.....	\$ 2.50
B/-1728 Barnes', set of 3 blades with detachable handles.....	12.50
B/-1732 Berry's.....	7.50
B/-1736 Carmichael's, for Mitchel's operation.....	4.50



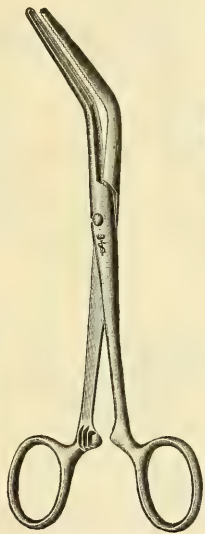
B/-1754



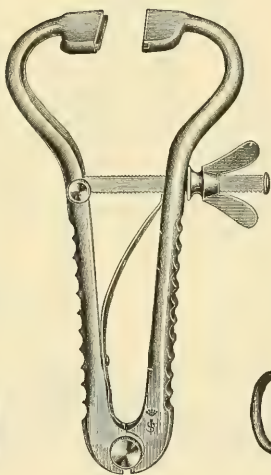
B/-1755



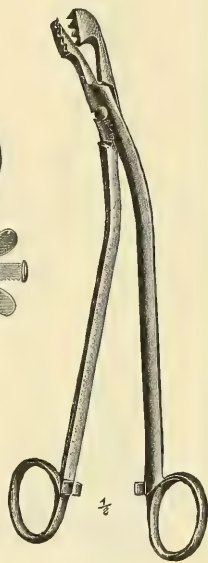
B/-1740



B/-1745



B/-1750



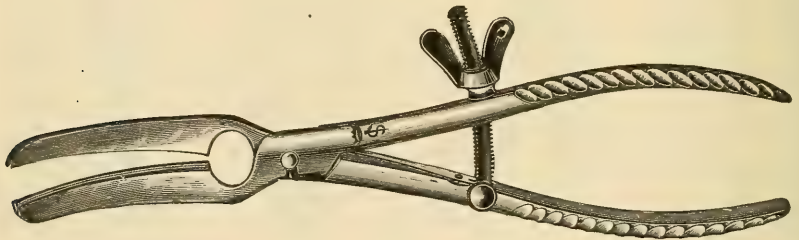
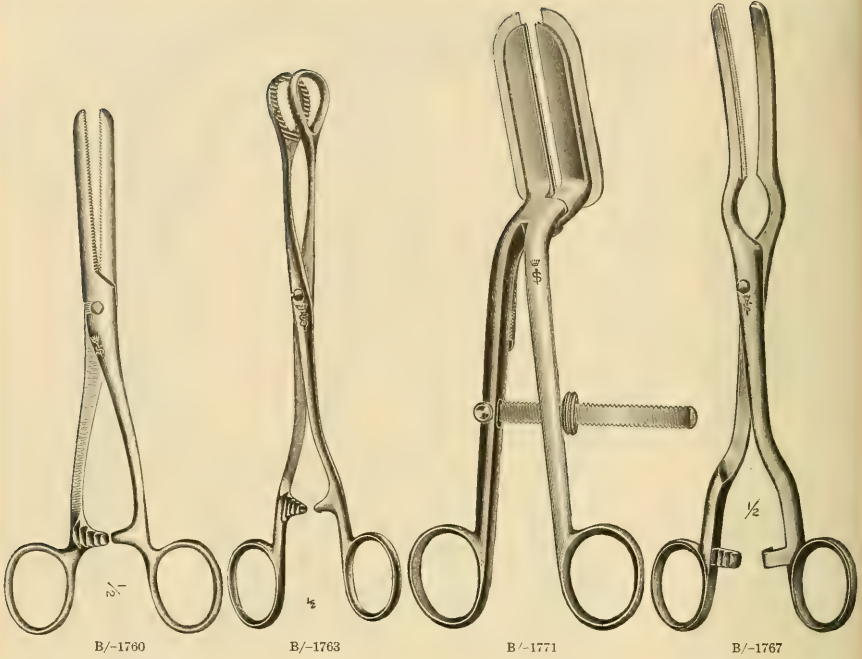
B/ 1752

### Pile Clamps

(Continued)

	Each		Each
B/-1740 Cook's.....	\$ 4.00	B/-1752 Gant's Haemorrhoidal Forceps.....	\$ 3.50
B/-1745 Earle's, angular.....	2.75	B/-1754 Gant's Valvular Clamps.....	1.50
B/-1750 Gant's.....	5.50	B/-1755 Gant's Introducing Forceps, for above.....	4.00

CHEERER CO.



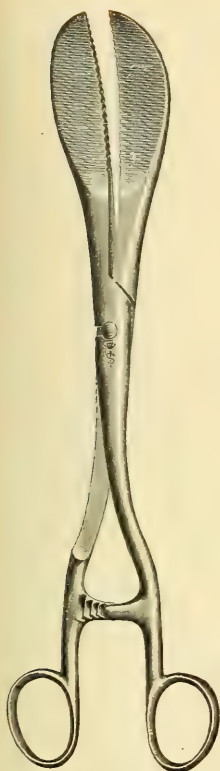
B - 1776

### Pile Clamps

(Continued)

		Each
B/-1760	Hahn's, 7 $\frac{1}{2}$ inches.....	\$ 1.75
B/-1763	Haywood-Smith's, fenestrated blades.....	2.50
B/-1767	Jarvis'.....	2.75
B/-1771	Jones', ivory faced blades.....	5.00
B/-1776	Kelsey's.....	3.50

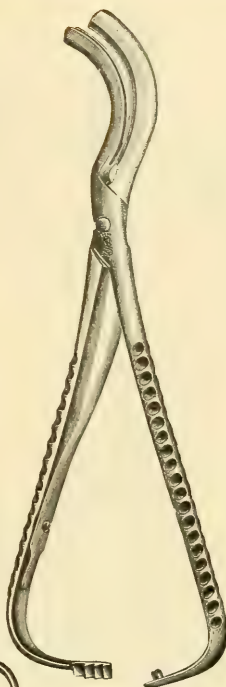




B/-1780-S1



B/-1783-S4

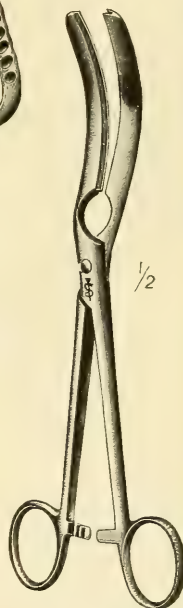


B/-1790

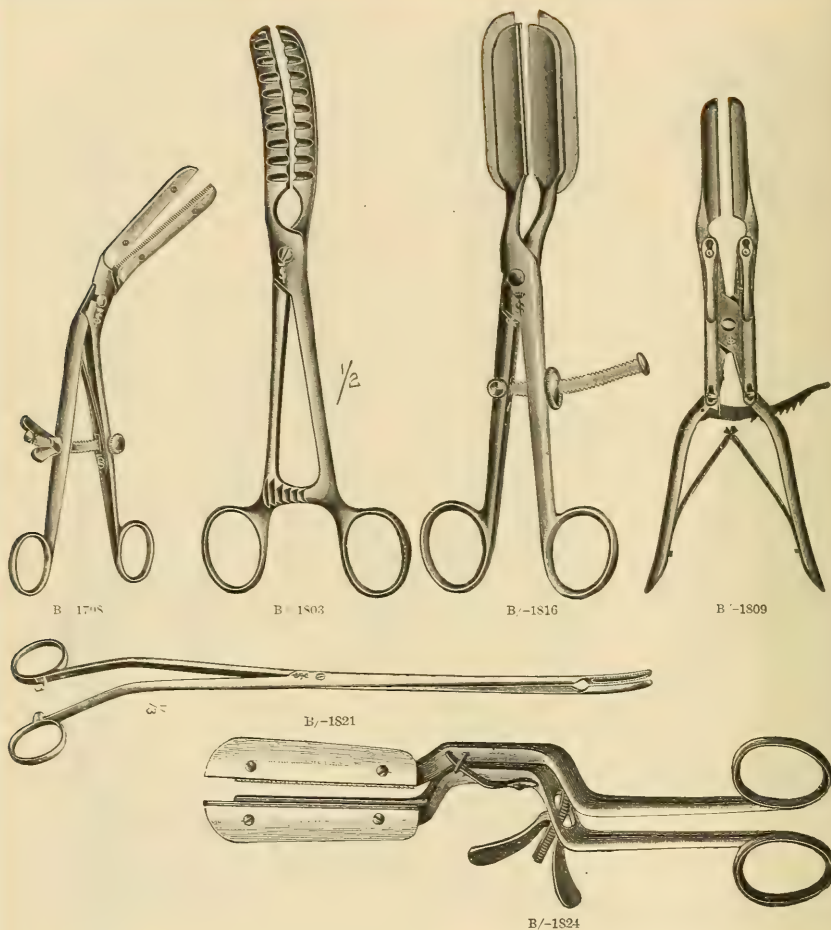
### Pile Clamps

(Continued)

	Each
B/-1780 <b>Langenbeck's</b> , with catch.....	\$ 3.50
B/-1781 <b>Langenbeck's</b> , with catch, ivory faced blades.....	5.00
B/-1783 <b>Langenbeck's</b> , with ratchet.....	4.00
B/-1784 <b>Langenbeck's</b> , with ratchet, ivory faced blades.....	5.50
B/-1790 <b>Linn's</b> .....	5.50
B/-1795 <b>Mathews'</b> .....	4.25



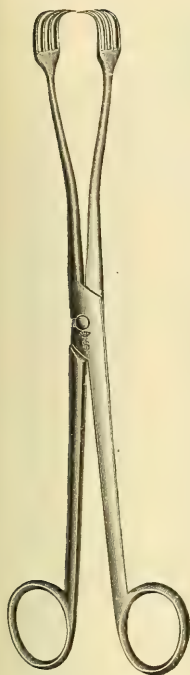
B/-1795



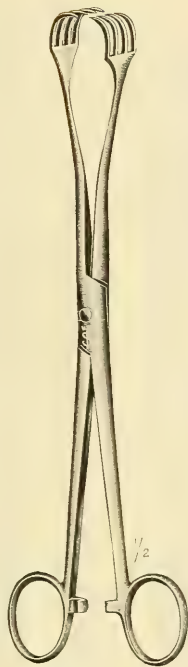
### Pile Clamps

(Continued)

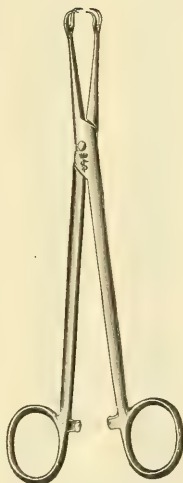
	Each		Each
B-1798 Mathieu's, with ivory faced blades..	\$ 6.00	B-1816 Smith's, with ivory faced blades...	\$ 4.50
B/-1803 McLean's, with grooved blades, for stitching.....	3.75	B/-1821 Tuttle's Rectal Dressing Forceps, 14 inches.....	5.00
B/-1809 Murray's, clamping parallel.....	7.50	B/-1824 Weiss', with ivory faced blades....	9.00



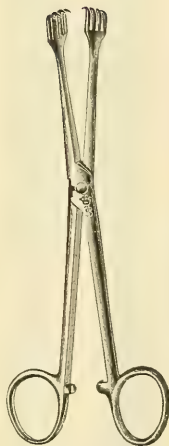
B/-1830



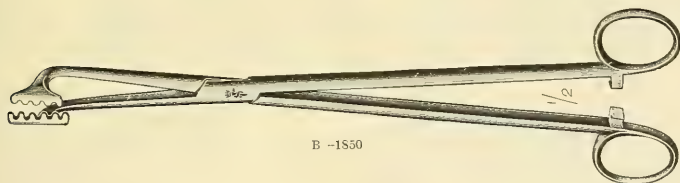
B/-1832



B/-1838



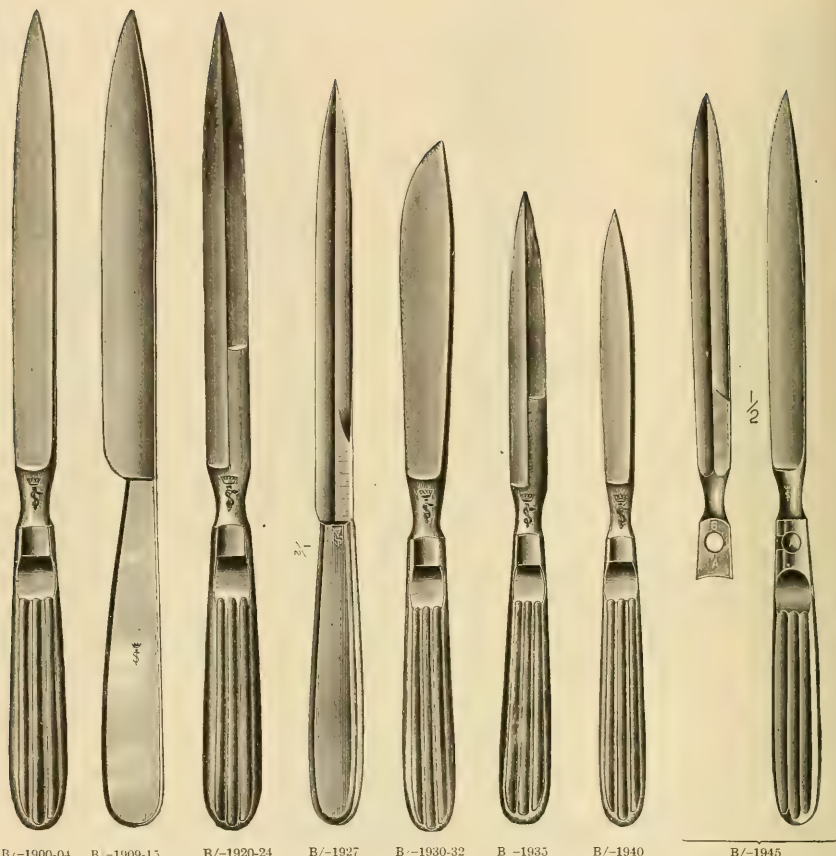
B/-1842



B/-1850

### Pile Vulsellum Forceps

	Each
B/-1830 Chassaignac's, plain .....	\$ 2.25
B/-1832 Chassaignac's, with catch.....	2.50
B/-1838 Kelsey's.....	1.75
B/-1842 Martin's.....	2.50
B/-1850 Tuttle's .....	3.00



### Amputating Knives

	Each
B/-1900 Amputating Knife, Liston's large, blade $7\frac{1}{2}$ inches.....	\$ 3.25
B/-1902 Amputating Knife, Liston's medium, blade $6\frac{1}{2}$ inches.....	3.00
B -1904 Amputating Knife, Liston's small, blade $5\frac{3}{8}$ inches.....	2.50
B/-1909 Amputating Knife, French pattern, blade 9 inches.....	3.50
B/-1911 Amputating Knife, French pattern, blade 6 inches.....	3.25
B/-1913 Amputating Knife, French pattern, blade $5\frac{1}{4}$ inches.....	3.00
B/-1915 Amputating Knife, French pattern, blade $4\frac{3}{4}$ inches.....	2.75
B/-1920 Catling Knife, large, blade $7\frac{1}{2}$ inches.....	3.50
B/-1922 Catling Knife, medium, blade $6\frac{1}{2}$ inches.....	3.25
B/-1924 Catling Knife, small, blade $5\frac{1}{2}$ inches.....	2.75
B/-1927 Catling Knife, French pattern, blade $6\frac{1}{4}$ inches.....	3.25
B/-1930 Flap Knife, Langenbeck's, blade 4 inches.....	2.25
B/-1932 Flap Knife, Langenbeck's, blade $4\frac{3}{4}$ inches.....	2.50
B/-1935 Interosseous Knife, double edged blade $3\frac{3}{4}$ inches.....	2.50
B/-1940 Phalangeal Knife, blade $3\frac{3}{4}$ inches.....	2.00
B/-1945 Set of Amputating and Catling Knives, fitting on Universal handle, blades $5\frac{1}{4}$ inches.....	6.00

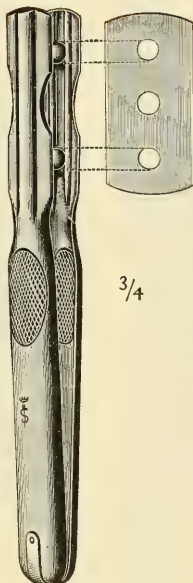




B/-1950



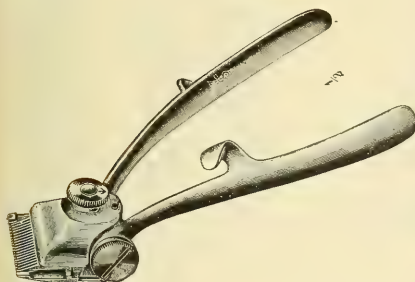
B/-1960



B/-1963



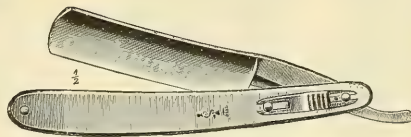
B/-1980



B/-1985-87



B/-1970 and 1974



B/-1972 and 1977

## Amputating Knives

(Continued)

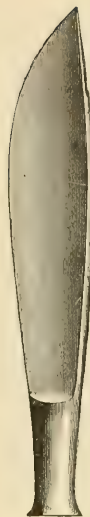
	Each		Each
B/-1950 Roswell Park's Incision Knife, peritoneal, 3 sizes, blades 1 1/2, 2, and 2 1/2 inches.....	\$ 2.00	B/-1974 Aseptic Razor, metal handle, 5 1/4 inches.....	\$ 1.75
B/-1960 Handle for holding "Gillette" Razor Blades....	1.00	B/-1977 Aseptic Razor, metal handle, 5 1/4 inches, separable	2.00
B/-1963 Handle for honing "Gillette" Razor Blades.....	.50	B/-1980 Hunter-Robb's Aseptic Razor, in leather case	2.50
B/-1970 Aseptic Razor, metal handle, 4 1/4 inches.....	1.35	B/-1985 "Mundus" Hair Clippers, 1/2 mm. cut.....	3.00
B/-1972 Aseptic Razor, metal handle, 4 1/4 inches, separable	1.50	B/-1987 "Mundus" Hair Clippers, 1 mm. cut.....	3.00



1



2



3



4

B/-1990



1

2

B/-1992



3



4

B/-1992

### Amputating Scalpels

	Each
B/-1990 Amputating Scalpels, bellied blade, sizes 1 to 4. ....	\$ 2.00
B/-1992 Amputating Scalpels, linear blade, sizes 1 to 4. ....	2.00



B/-2000



B/-2005



B/-2010



B/-2015

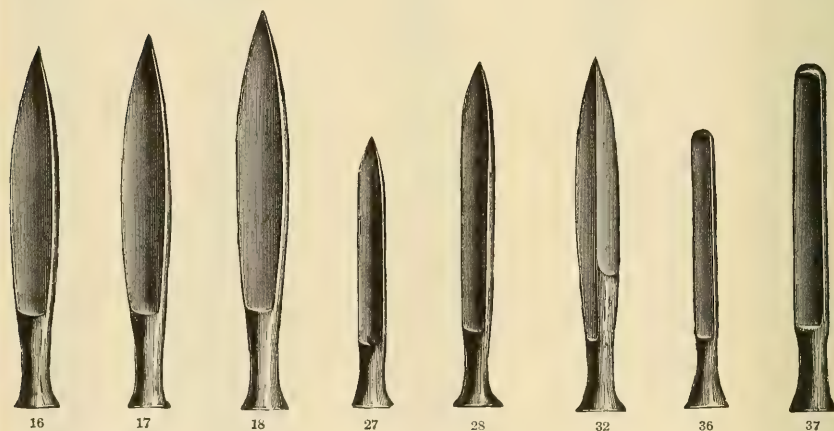
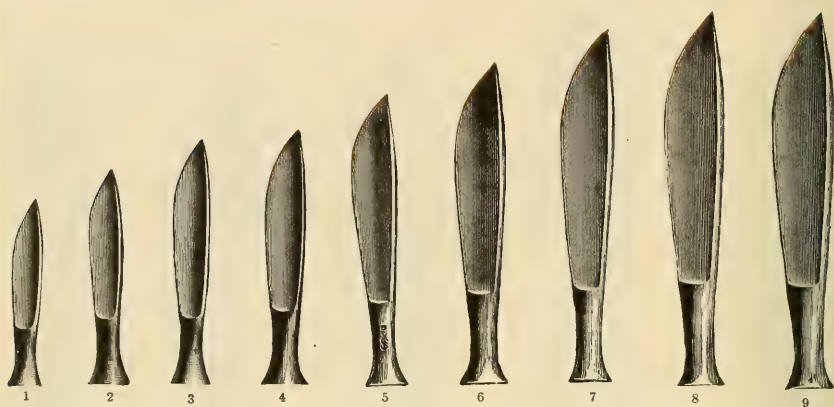


B/-2020

### Minor Operating Knives

		Each
B/-2000	U.S.A. Pattern, forged out of one piece, frosted handle.....	\$ 1.00
B/-2005	<b>Knyscheerer Co.'s</b> Pattern, forged out of one piece.....	1.00
B/-2010	French Pattern, with smooth hollow handle.....	1.50
B/-2015	French Pattern with corrugated handle.....	1.50
B/-2020	<b>Knyscheerer Co.'s</b> "Special" with smooth hollow handle.....	1.50

The above styles of operating knives can be supplied in assorted blades as per illustrations on pages 2068 to 2069.

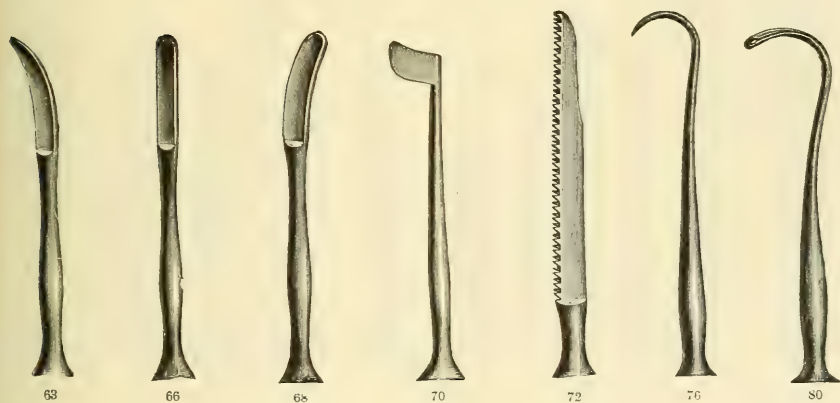
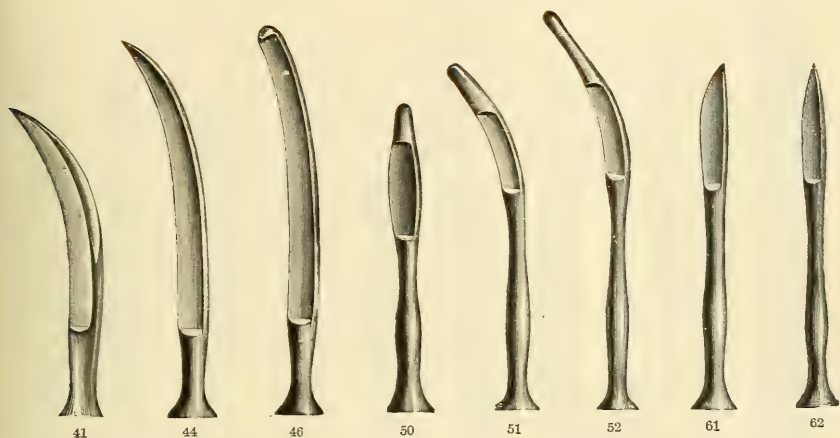


### Minor Operating Knives

(Continued)

When ordering specify number. Above illustrations represent blades in actual sizes, which can be furnished in styles B/-2000, B/-2005, B/-2010, B/-2015 and B/-2020.

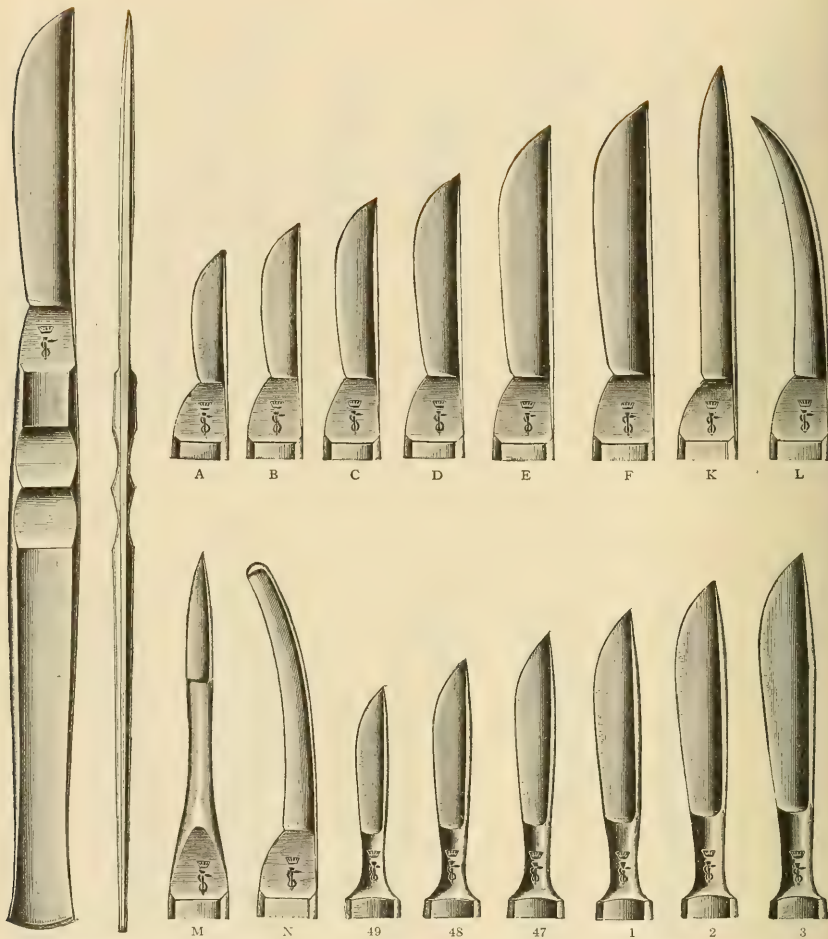




### Minor Operating Knives

(Continued)

When ordering specify number. Above illustrations represent blades in actual sizes, which can be furnished in styles B/-2000, B/-2005, B/-2010, B/-2015 and B/-2020.

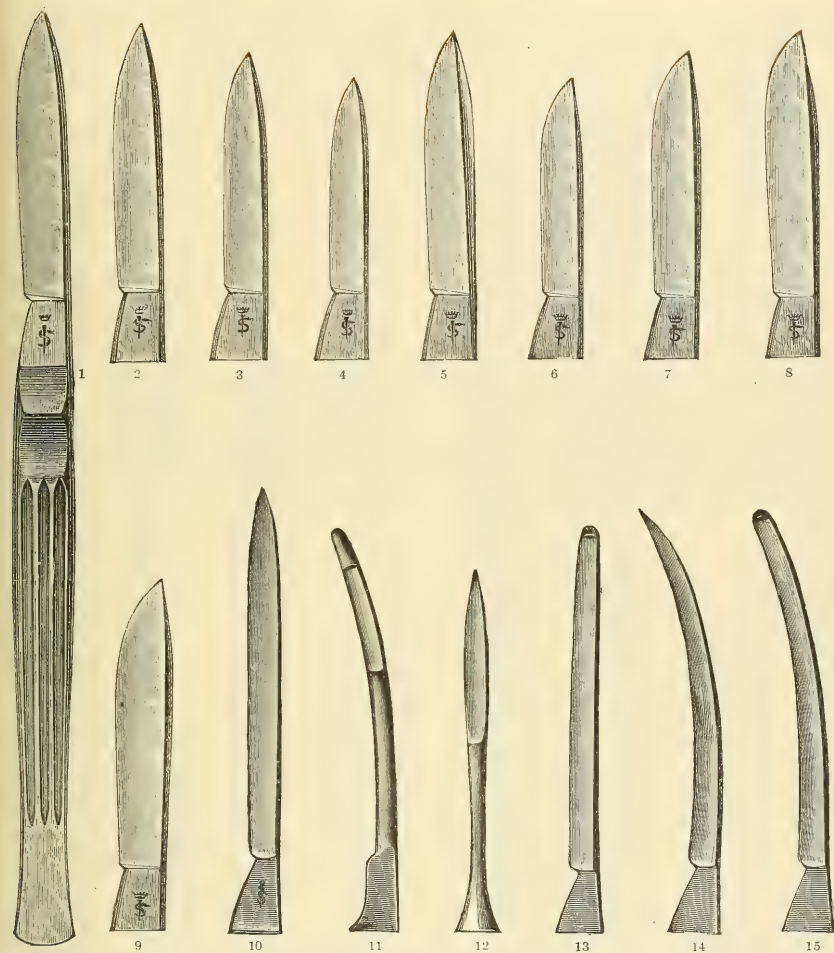


B/-2025

### Minor Operating Knives

(Continued)

B/-2025 "English Steel" Operating Knives, forged out of one piece, 16 styles of blades..... Each \$ 1.25

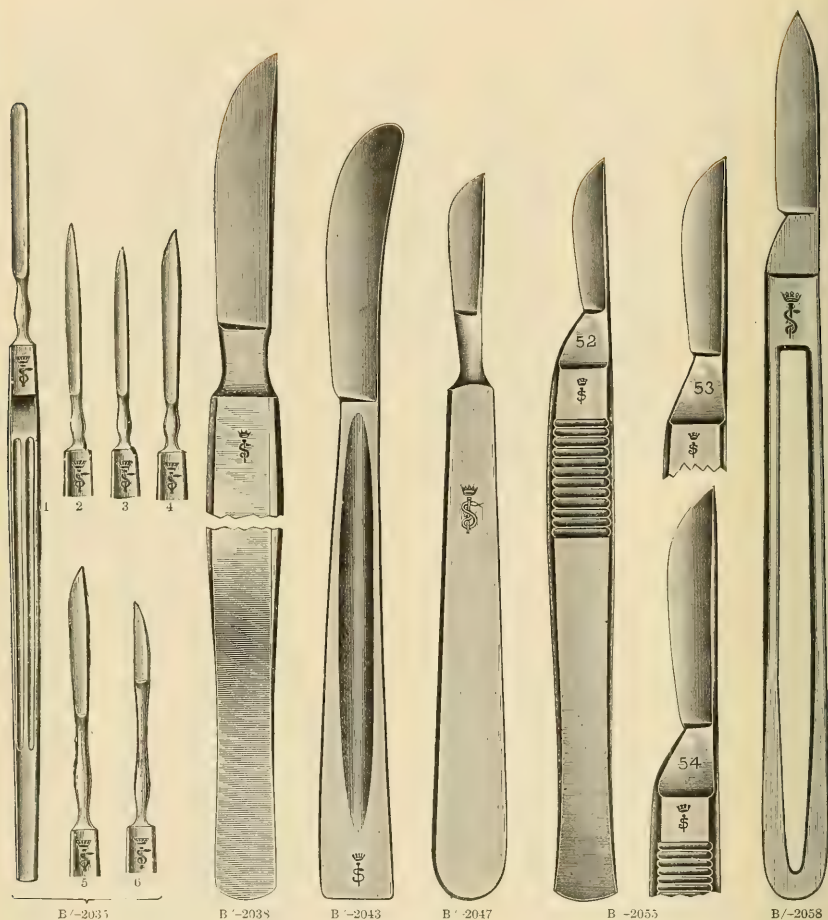


B/-2028

### Minor Operating Knives

(Continued)

B/-2028 "English Pattern," hollow metal handles, 15 styles of blades..... Each \$ 1.25

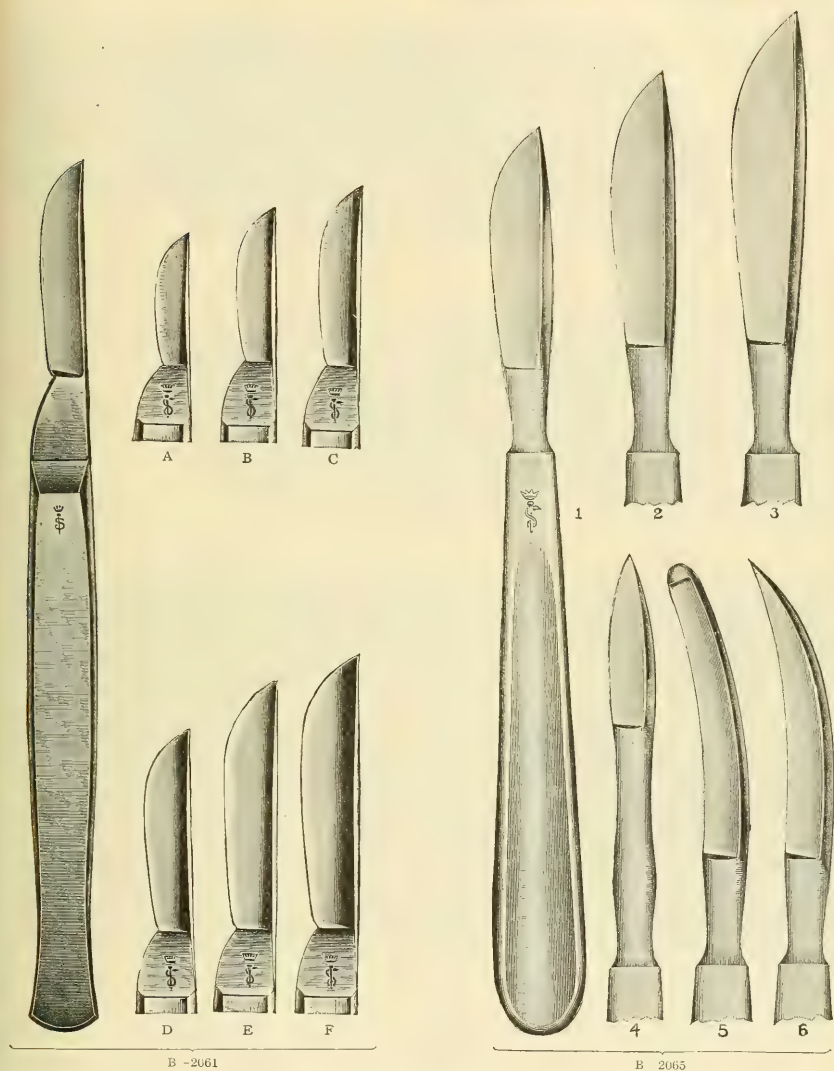


### Minor Operating Knives

(Continued)

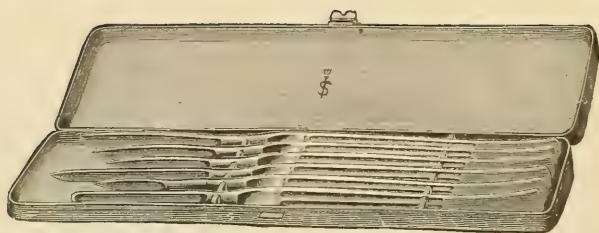
	Each
B/-2035 Adams' Tendon Knives, 6 styles of blades . . . . .	1.50
B/-2038 Blaisdell's Scalp Knife, with detach . . . . .	1.50
B/-2043 Child's Operating Knife, with dissector . . . . .	1.50
B/-2047 Deaver's Operating Knife . . . . .	.75
B/-2055 Mayo's Operating Knives, 3 sizes . . . . .	1.50
B/-2058 Roosevelt Hospital Pattern Knife, fenestrated handle . . . . .	1.50



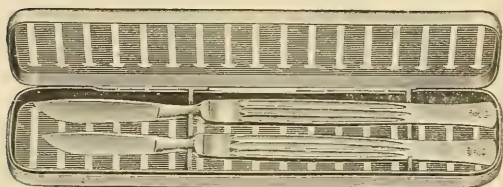


### Minor Operating Knives (Continued)

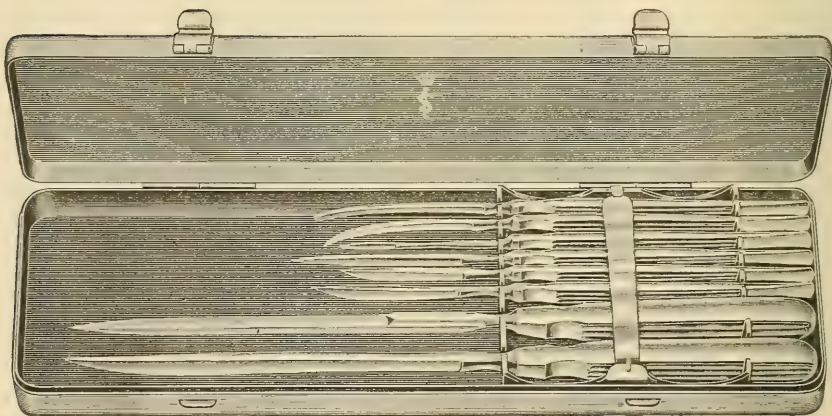
B/-2061 "Weiss Pattern" Operating Knives, 6 sizes.....	Each \$ 1.50
B/-2065 K. S. Co.'s Operating Knives, extra heavy pattern, 6 styles.....	1.25



B/-2075



B -2080

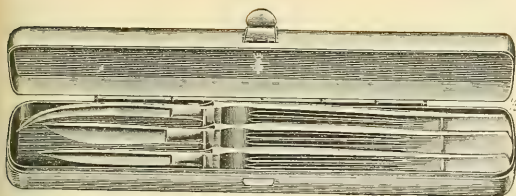


B/-2085

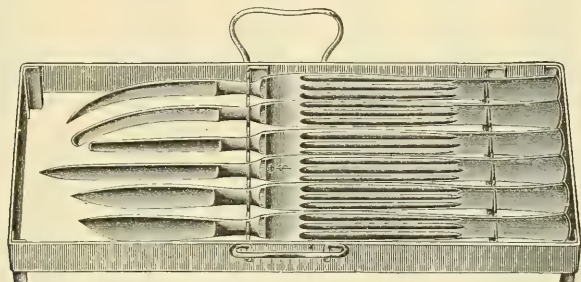
### Minor Operating Knives

(Continued)

	Each
B/-2075 Set 6 Operating Knives, in metal case .....	\$ 7.50
B/-2080 Set 2 Operating Knives, Foerster's, in fenestrated metal case .....	3.50
B/-2085 Set 6 Operating Knives and 1 Amputating and 1 Catling Knife, in metal case .....	16.50



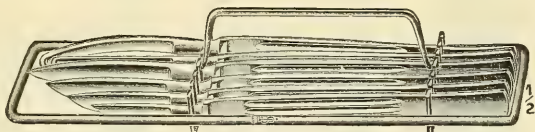
B/-2090



B/-2095-99



B/-2105-09

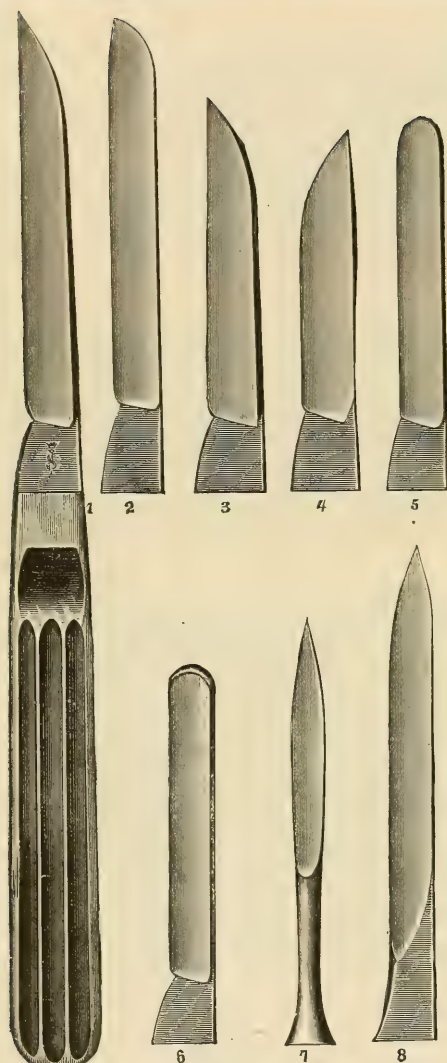


B/-2115-19

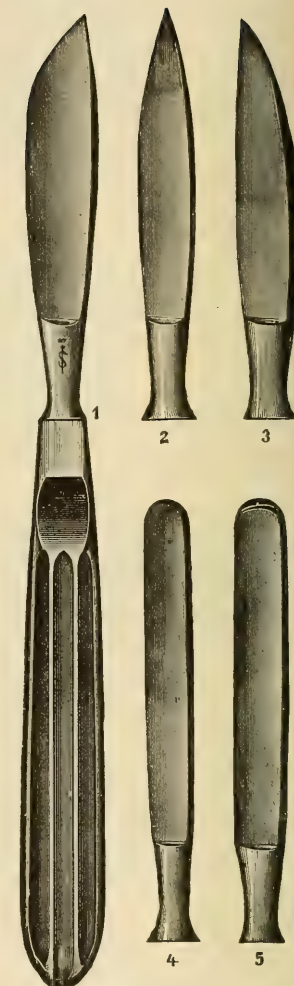
### Minor Operating Knives

(Continued)

	Each		Each
B/-2090 Set of 3 Operating Knives, in aseptic metal case.....	\$ 5.25	B/-2107 Metal Rack, for holding 9 Minor Operating Knives.....	\$ .25
B/-2095 Metal Rack, for holding 6 Minor Operating Knives.....	2.75	B/-2109 Metal Rack, for holding 12 Minor Operating Knives.....	.30
B/-2097 Metal Rack, for holding 12 Minor Operating Knives.....	3.50	B/-2115 Metal Rack, for holding 6 Minor Operating Knives.....	.75
B/-2099 Metal Rack, for holding 20 Minor Operating Knives.....	4.50	B/-2117 Metal Rack, for holding 9 Minor Operating Knives.....	.85
B/-2105 Metal Rack, for holding 6 Metal Operating Knives.....	.20	B/-2119 Metal Rack, for holding 12 Minor Operating Knives.....	1.10



B/-2125



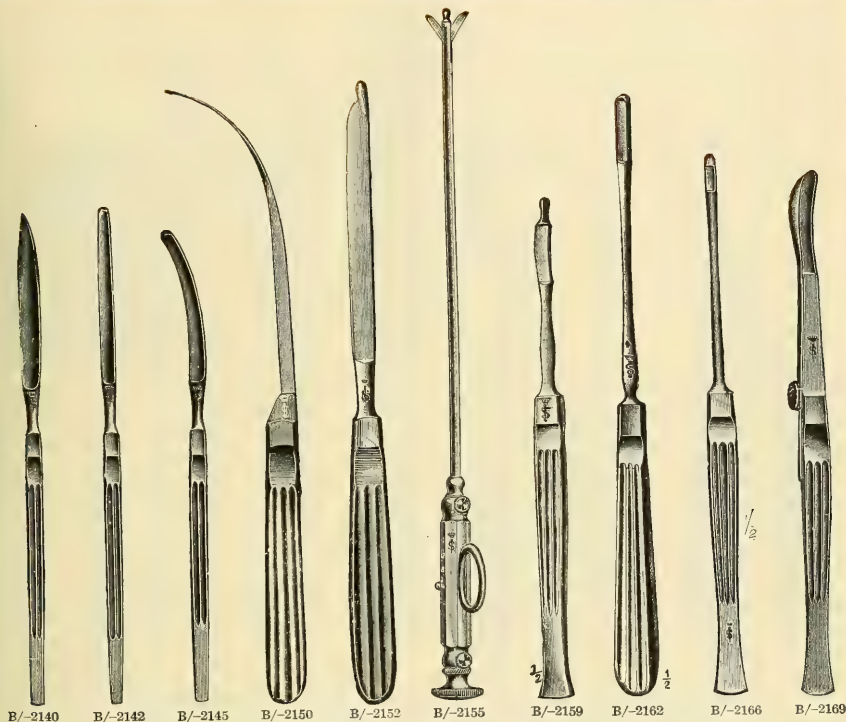
B/-2130

### Minor Operating Knives

(Continued)

	Each
B/-2125 English Pattern Resection Knives, 8 styles of blades.....	\$ 1.75
B/-2130 <b>Langenbeck's</b> Resection Knives, 5 styles of blades.....	1.75
*B/-2135 Metal Rack for holding 6 Resection Knives.....	2.75





B/-2172

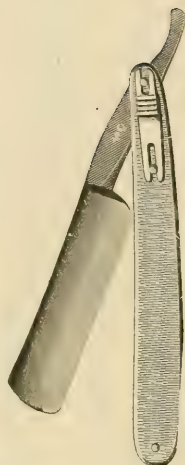
### Minor Operating Knives

(Continued)

		Each			Each
B/-2140	Anal Fistula Knife, straight, sharp pointed.....	\$ 1.25	B/-2152	Kelsey's Proctotomy Knife.....	\$ 2.00
B/-2142	Anal Fistula Knife, straight, probe pointed.....	1.25	B/-2155	Mathews' Fistulatome.....	5.00
B/-2145	Anal Fistula Knife, curved, probe pointed.....	1.25	B/-2159	Seiler's Hernia Knife.....	1.25
B/-2150	Kelsey's Fistula Knife, with silver probe point.....	2.00	B/-2162	Tuffier's Kidney Knife.....	2.00
			B/-2166	Wales' Hernia Knife.....	1.25
			B/-2169	Wells' Fistula Knife, guarded.....	3.00
			B/-2172	Arkansas Oil Stone, mounted in wooden case.....	2.50



B/-2185



B/-2187



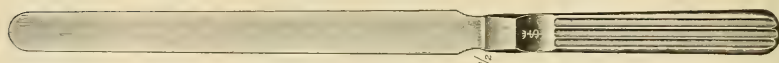
B/-2190



B/-2196



B 2200

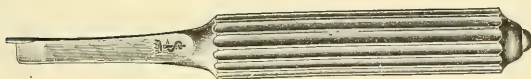
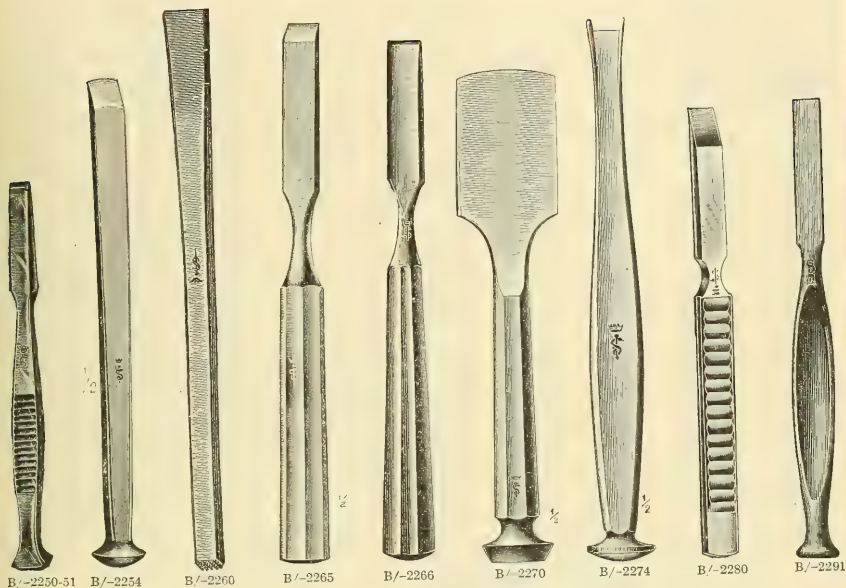


B/-2190

### Minor Operating Knives

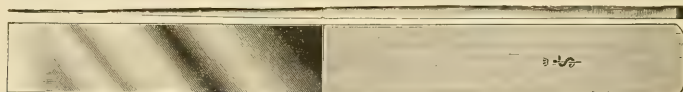
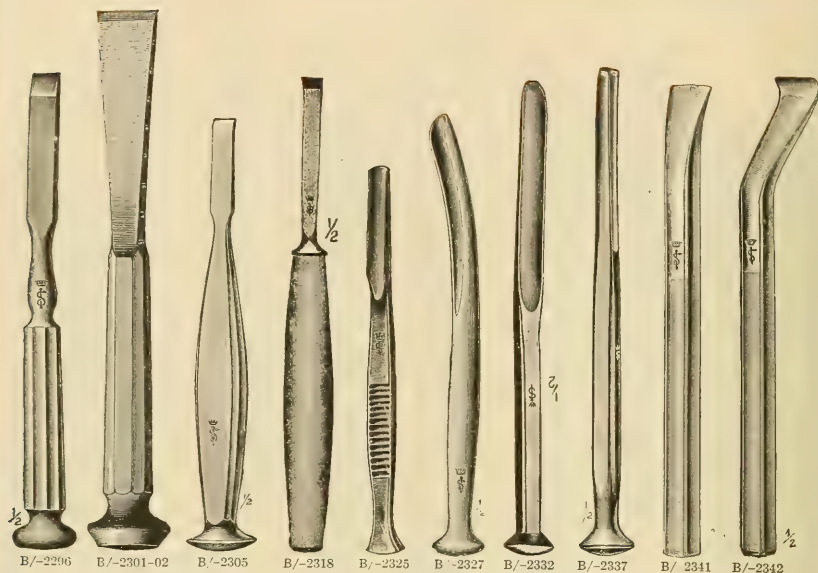
Continued

	Each
B/-2185 Plain Skin Grafting Razor, metal handle.....	\$ 2.25
B/-2187 Plain Skin Grafting Razor, metal handle, separable.....	2.50
B/-2190 Kortuem's Skin Grafting Razor, fixed handle.....	3.50
B/-2193 Rehn's Skin Grafting Razor, fixed handle.....	5.50
B/-2196 Tiersch's Skin Grafting Razor, fixed handle.....	3.75
B/-2200 Mayo's Transplantation Spatula, for skin grafts...	2.25



### Bone Chisels

	Each		Each
B/-2250 Plain Bone Chisel, osteotome, 3 sizes, 8, 10 and 12 mm.....	\$ .60	B/-2270 <b>Championniere's</b> Bone Chisel, for knee-joint resection, 35 mm.....	\$ 3.00
B/-2251 Plain Bone Chisel, carpenter tool edge, 3 sizes, 8, 10 and 12 mm.....	.75	B/-2274 <b>Chipault's</b> Bone Chisel, for cranial resection, 3 sizes, 3, 7 and 9 mm.....	2.25
B/-2254 <b>Alexander's</b> Bone Chisel, 6 sizes, 3, 5, 7, 9, 11 and 13 mm.....	1.85	B/-2280 <b>Down's</b> Bone Chisel, 3 sizes, 7, 8, and 9 mm....	.90
B/-2260 <b>Bergmann's</b> Bone Chisel, 3 sizes, 12, 15 and 20 mm.....	1.00	B/-2283 <b>Doyen's</b> Bone Chisel, for enlarging cranial section, 9 mm.....	2.50
B/-2265 <b>Brun's</b> Bone Chisel, carpenter tool edge, 3 sizes, 9, 12 and 14 mm.....	1.10	B/-2286 <b>Esmarch's</b> Bone Chisel, very heavy, 3 sizes, 20, 25 and 30 mm.....	3.25
B/-2266 <b>Brun's</b> Bone Chisel, osteotome, 3 sizes, 9, 12 and 14 mm.....	1.10	B/-2291 <b>Gutsch's</b> Bone Chisel, 3 sizes, 7, 10 and 12 mm.....	1.00



B/-2298



B/-2311

### Bone Chisels

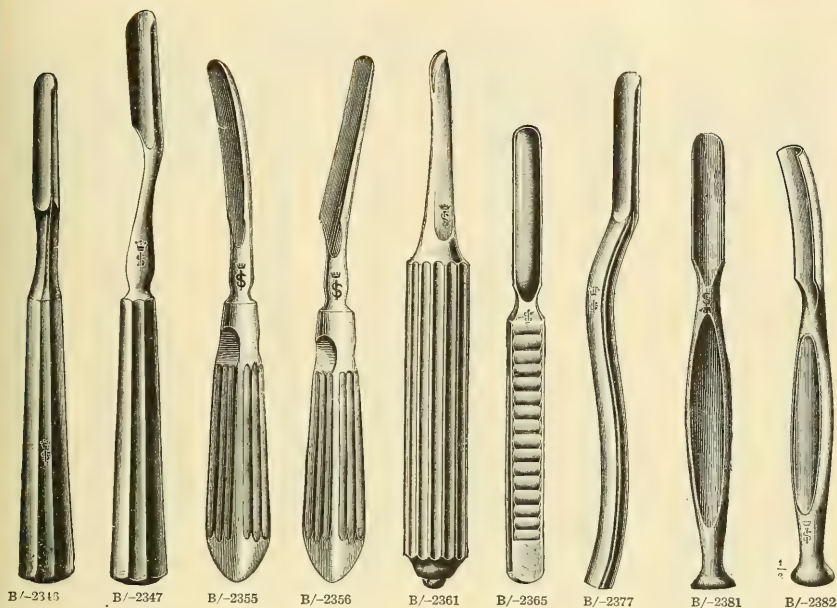
(Continued)

		Each
B/-2296	<b>Hajek's Bone Chisel</b> , 4 sizes, 3, 6, 9 and 12 mm.....	\$ 1.75
B/-2298	<b>Lambotte's Bone Chisel</b> , very thin, for separating old fractures, 5 sizes, $\frac{1}{2}$ , 1, $1\frac{1}{2}$ , $1\frac{3}{4}$ and 2 inches.....	2.50
B/-2301	<b>McEwen's Bone Chisel</b> , with carpenter tool edge, 3 sizes, 10, 12 and 14 mm.....	1.25
B/-2302	<b>McEwen's Bone Chisel</b> , osteotome, 3 sizes, 10, 12 and 14 mm.....	1.25
B/-2305	<b>Poirier's Bone Chisel</b> , cranial, 8 mm.....	2.00
B/-2311	<b>Sherman's Bone Chisel and Gouge</b> combined with mallet.....	6.00
B/-2318	<b>Whiting's Bone Chisel</b> , 4 sizes, 5, 7, 9 and 12 mm.....	2.00

### Bone Gouges

B/-2325	<b>Plain Bone Gouge</b> , 3 sizes, 8, 10 and 12 mm.....	.75
B/-2327	<b>Plain Bone Gouge</b> , with flat knob, 10 mm.....	1.00
B/-2332	<b>Alexander's Bone Gouge</b> , 6 sizes, 3, 5, 7, 9, 11 and 13 mm.....	2.25
B/-2337	<b>Allport's Bone Gouge</b> , 6 sizes, 6, 8, 10, 12, 14 and 16 mm.....	2.75
B/-2341	<b>Borchardt's Bone Gouge</b> , cranial, curved, 15 mm.....	1.75
B/-2342	<b>Borchardt's Bone Gouge</b> , cranial, bayonet, 16 mm.....	2.25



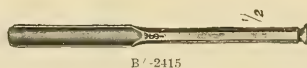
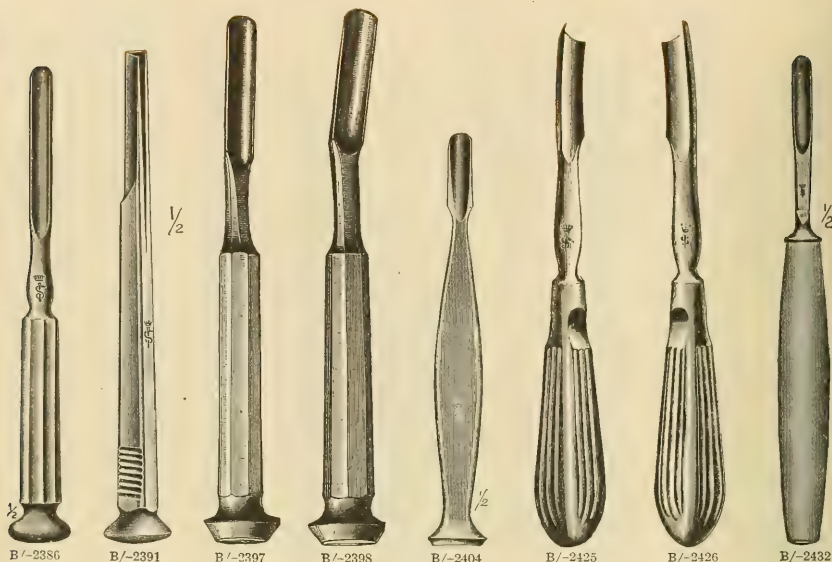


B/-2370

### Bone Gouges

(Continued)

	Each
B/-2346 <b>Bruns' Bone Gouge</b> , straight, 3 sizes, 10, 12 and 14 mm.....	\$ 1.25
B/-2347 <b>Bruns' Bone Gouge</b> , curved, 3 sizes, 10, 12 and 14 mm.....	1.35
B/-2355 <b>Czerny's Bone Gouge</b> , bent forward, 9 mm.....	2.00
B/-2356 <b>Czerny's Bone Gouge</b> , bent backward, 9 mm.....	2.25
B/-2361 <b>Doyen's Bone Gouge</b> , for perforating the cranium, 4 mm.....	2.50
B/-2365 <b>Down's Bone Gouge</b> , 3 sizes, 6, 8 and 9 mm.....	1.00
B/-2370 <b>Esmarch's Bone Gouge</b> , very heavy, 3 sizes, 24, 29 and 34 mm.....	3.75
B/-2377 <b>Gerber's Bone Gouge</b> , 9 mm.....	1.00
B/-2381 <b>Gutsch's Bone Gouge</b> , straight, 3 sizes, 8, 10 and 12 mm.....	1.25
B/-2382 <b>Gutsch's Bone Gouge</b> , curved, 3 sizes, 8, 10 and 12 mm.....	1.50



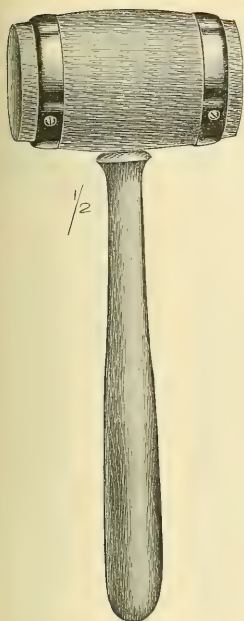
## Bone Gouges

(Continued)



	Each
B/-2386 Hajek's Bone Gouge, 4 sizes, 3, 6, 9 and 12 mm....	\$ 2.00
B/-2391 Lane's Bone Gouge, V-shaped, for cranium, 2 sizes.	2.50
B/-2397 McEwen's Bone Gouge, straight, 3 sizes, 9, 12 and 14 mm.....	1.25
B/-2398 McEwen's Bone Gouge, curved, 3 sizes, 9, 12 and 14 mm.....	1.50
B/-2404 Poirier's Bone Gouge, for cranium, 8 mm. ....	2.25
B/-2411 Schueler's Bone Gouge, with knob, 8 sizes. ....	2.00
B/-2415 Senn's Bone Gouge, small, for pocket case.....	.75
B/-2421 Szymanowsky's Bone Gouge, heavy, 9 mm.....	2.00
B/-2425 Trelat's Bone Gouge, oblique edge, right, 12 mm....	1.75
B/-2426 Trelat's Bone Gouge, oblique edge, left, 12 mm. ...	1.75
B/-2432 Whiting's Bone Gouge, 4 sizes, 4, 5, 6, and 7 mm. .	2.25

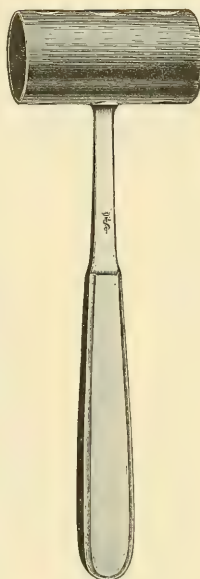




B/-2459-60



B/-2465



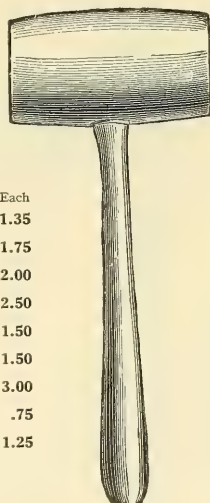
B/-2470



B/-2475-76



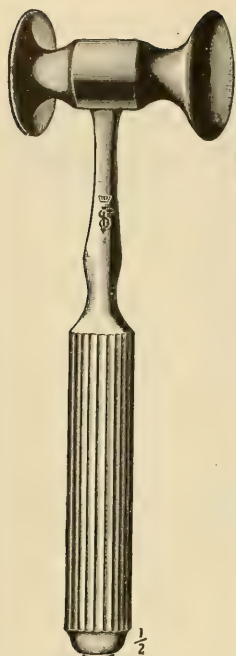
B/-2467



B -2452-53

### Mallets

	Each
B/-2452 Boxwood Mallet, plain . . . . .	\$ 1.35
B/-2453 Boxwood Mallet, lead filled . . . . .	1.75
B/-2459 Boxwood Mallet, metal bound, plain . . . . .	2.00
B/-2460 Boxwood Mallet, metal bound, lead filled . . . . .	2.50
B/-2465 Lead Mallet, 3 sizes . . . . .	1.50
B/-2467 Lead Mallet, extra small . . . . .	1.50
B/-2470 Fibre Mallet, metal handle . . . . .	3.00
B/-2475 Rawhide Mallet, small . . . . .	.75
B/-2476 Rawhide Mallet, large . . . . .	1.25



B/-2481



B/-2484



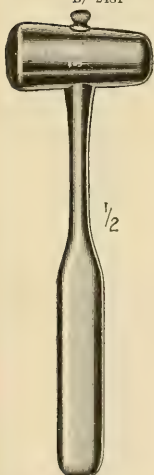
B/-2485



B/-2488



B/-2492



B/-2503



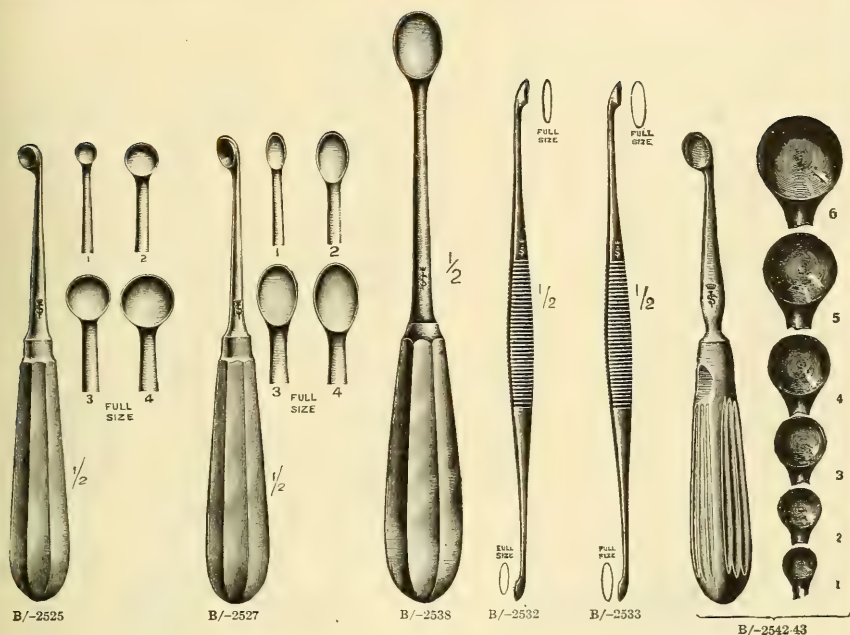
B/-2500

### Mallets

(Continued)

	Each
B/-2481 Bergmann's Mallet, large, lead filled . . . . .	\$ 4.00
B/-2484 Cholewa's Mallet, plain . . . . .	1.75
B/-2485 Cholewa's Mallet, adjustable . . . . .	3.00
B/-2488 Doyen's Mallet, of soft bronze . . . . .	3.50
B/-2492 Farabeuf's Mallet, boxwood, with metal core . . . . .	2.00
B/-2500 Hajek's Mallet . . . . .	2.75
B/-2503 Jansen's Mallet, small . . . . .	1.75





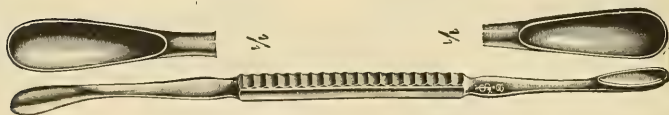
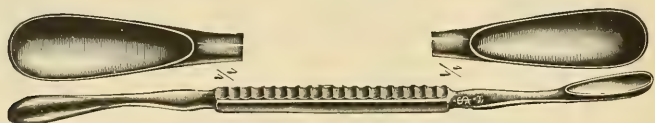
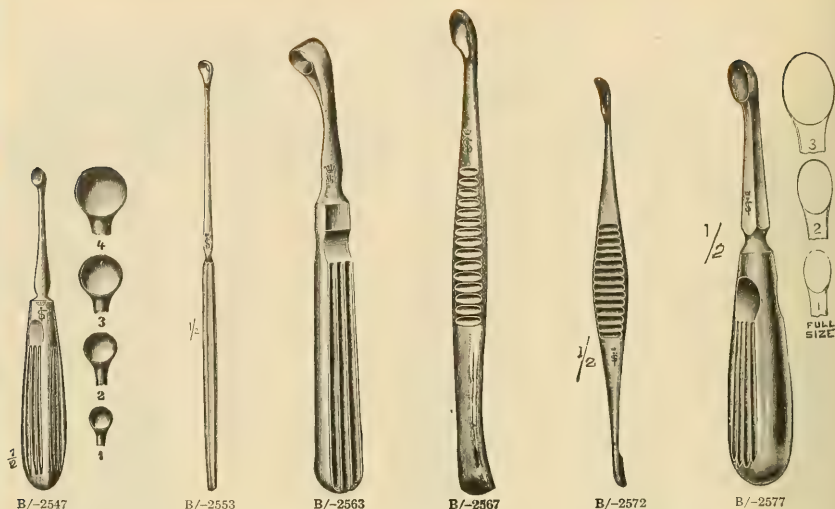
### Mallets

(Continued)

	Each
B/-2509 St. Luke's Hospital Pattern Mallet, boxwood.....	\$ .75

### Bone Curettes

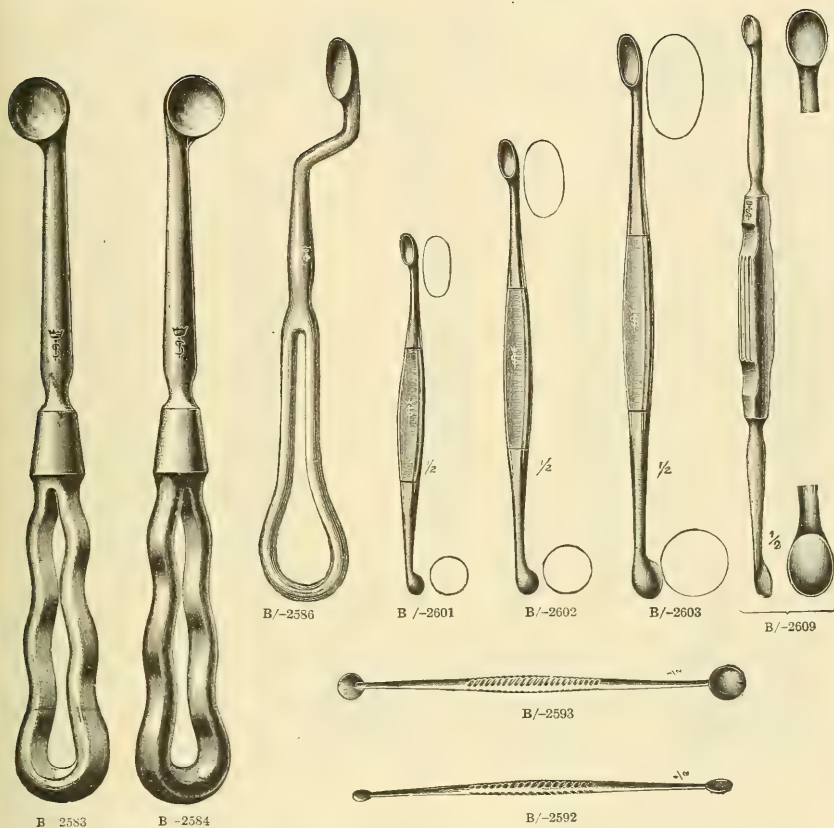
B/-2525 Plain Bone Curette, round, 4 sizes.....	1.50
B/-2527 Plain Bone Curette, oval, 4 sizes.....	1.50
B/-2532 Barth's Bone Curette, sinus, double-ended, small.....	1.75
B/-2533 Barth's Bone Curette, sinus, double-ended, large.....	1.75
B/-2588 Broca's Bone Curette, extra large, for the acetabulum.....	2.75
B/-2542 Bruns' Bone Curette, corrugated handle, 6 sizes.....	1.25
B/-2543 Bruns' Bone Curette, smooth octagonal handle, 6 sizes.....	1.50



### Bone Curettes

(Continued)

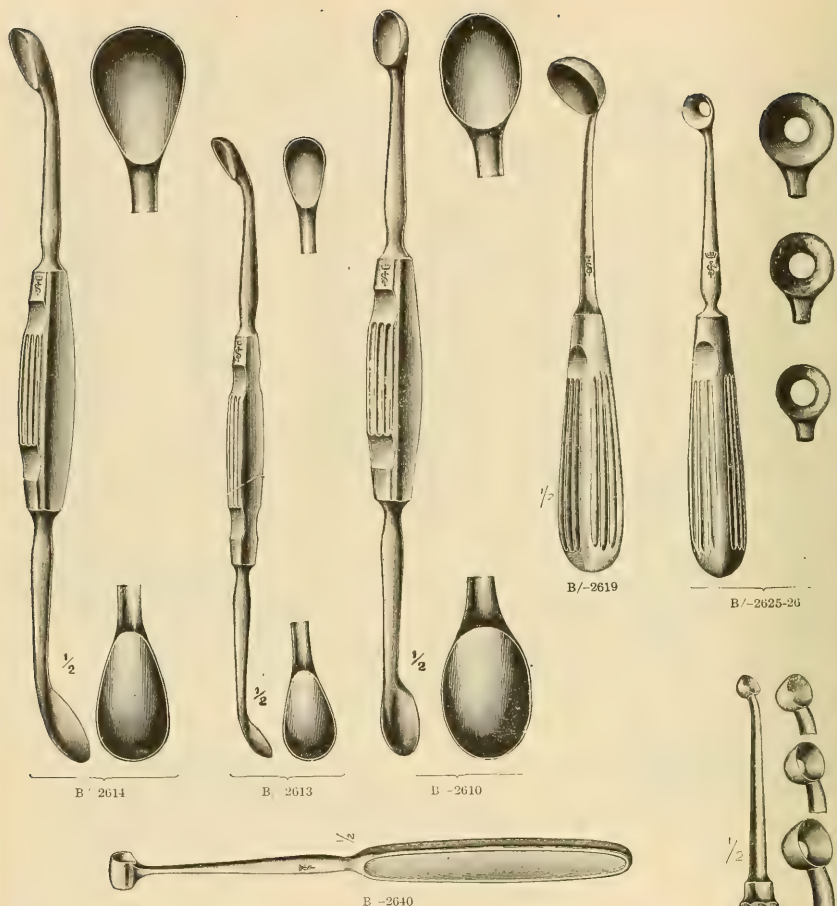
	Each		Each
B/-2547 Buck's Bone Curette, small, 4 sizes	\$ 1.50	B/-2563 Farabeuf's Bone Curette, curved blade	\$ 2.00
B/-2553 Delatour's Bone Curette, sinus	1.20	B/-2567 Ferguson's Bone Curette, combined with raspatory	1.25
B/-2557 Durham's Bone Curette, double-ended, large	1.65	B/-2572 Gleason's Bone Curette, sinus double-ended	2.00
B/-2558 Durham's Bone Curette, double-ended, small	1.65	B/-2577 Greene's Bone Curette, extra heavy shank, 3 sizes	2.00



### Bone Cures

(Continued)

	Each		Each
B/-2583 <b>Hoffa's Bone Curette, for hip joint resection, right.</b> .....	<b>\$ 3.75</b>	B/-2601 <b>Kny-Scheerer Co.'s Bone Curette, double-ended, 5 inches.</b> .....	<b>\$ 1.00</b>
B/-2584 <b>Hoffa's Bone Curette, for hip joint resection, left.</b> .....	<b>3.75</b>	B/-2602 <b>Kny Scheerer Co.'s Bone Curette, double-ended, 6½ inches.</b> .....	<b>1.25</b>
B/-2586 <b>Hoffa's Bone Curette, for hip joint resection, bayonet.</b> .....	<b>3.25</b>	B/-2603 <b>Kny-Scheerer Co.'s Bone Curette, double-ended, 8 inches.</b> .....	<b>1.50</b>
B/-2592 <b>Jacobson's Bone Curette, double-ended, oval.</b> .....	<b>1.00</b>	B/-2609 <b>Koenig's Bone Curette, double-ended, 8½ inches, straight.</b> .....	<b>3.00</b>
B/-2593 <b>Jacobson's Bone Curette, double-ended, round.</b> .....	<b>1.00</b>		



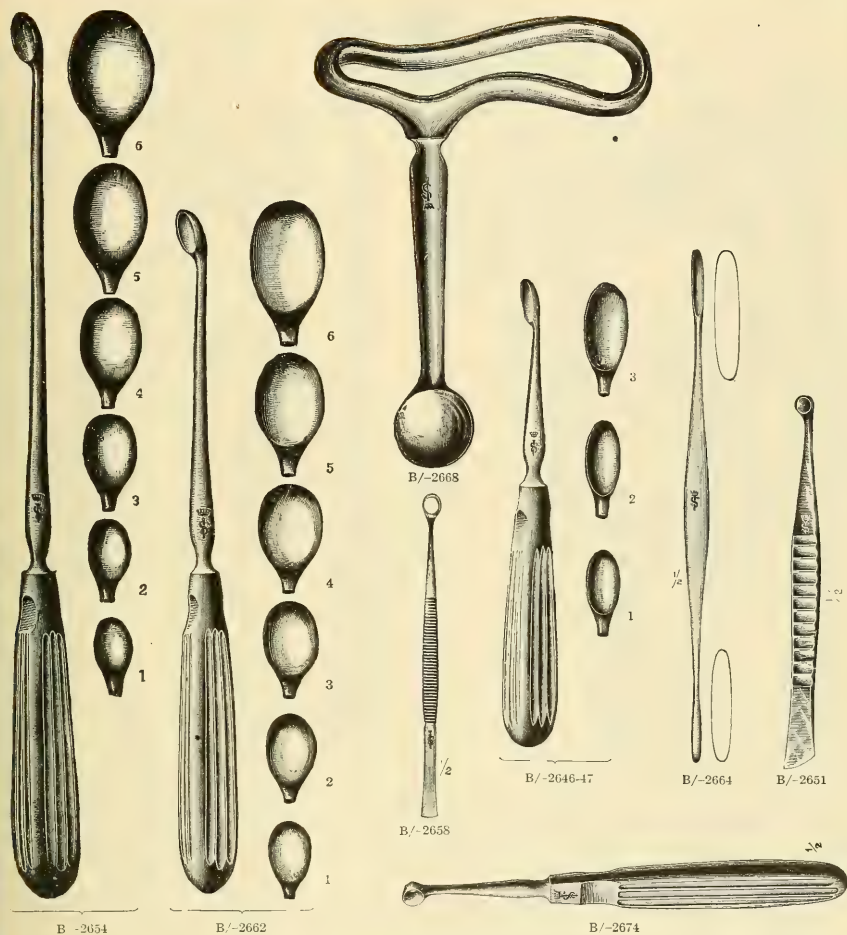
### Bone Curettes

(Continued)

	Each
B/-2610 Koenig's Bone Curette, double-ended, $10\frac{1}{2}$ inches, straight .....	\$ 3.25
B/-2613 Koenig's Bone Curette, double-ended, $8\frac{1}{2}$ inches, curved .....	3.25
B/-2614 Koenig's Bone Curette, double-ended, $10\frac{1}{2}$ inches, curved .....	3.75
B/-2619 Luecke's Bone Curette, angular .....	2.25
B/-2625 Luer's Bone Curette, corrugated handle, 3 sizes .....	1.50
B/-2626 Luer's Bone Curette, smooth octagonal handle, 3 sizes .....	1.75
B/-2635 Richards' Bone Curette, angular, 3 sizes .....	2.25
B/-2640 Ring Bone Curette .....	2.25







### Bone Curettes

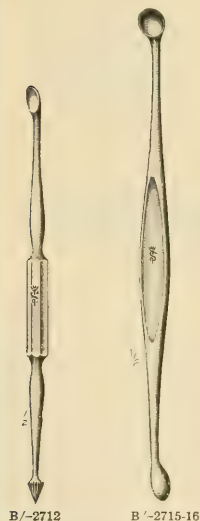
(Continued)

	Each
B/-2646 Schede's Bone Curette, corrugated handle, 3 sizes.....	\$ 1.25
B/-2647 Schede's Bone Curette, smooth octagonal handle, 3 sizes.....	1.50
B/-2651 Schmid's Bone Curette, combined with raspatory.....	1.85
B/-2654 Schroeder's Bone Curette, extra long, 6 sizes.....	2.25
B/-2658 Senn's Bone Curette, small, for pocket cases.....	1.00
B/-2662 Simon's Bone Curette, 6 sizes.....	1.75
B/-2664 Simon's Bone Curette, sinus, double-ended.....	1.50
B/-2668 Stille's Bone Curette, heavy, for hip joint resection.....	3.75
B/-2674 Trelat's Bone Curette, fenestrated blade.....	2.00

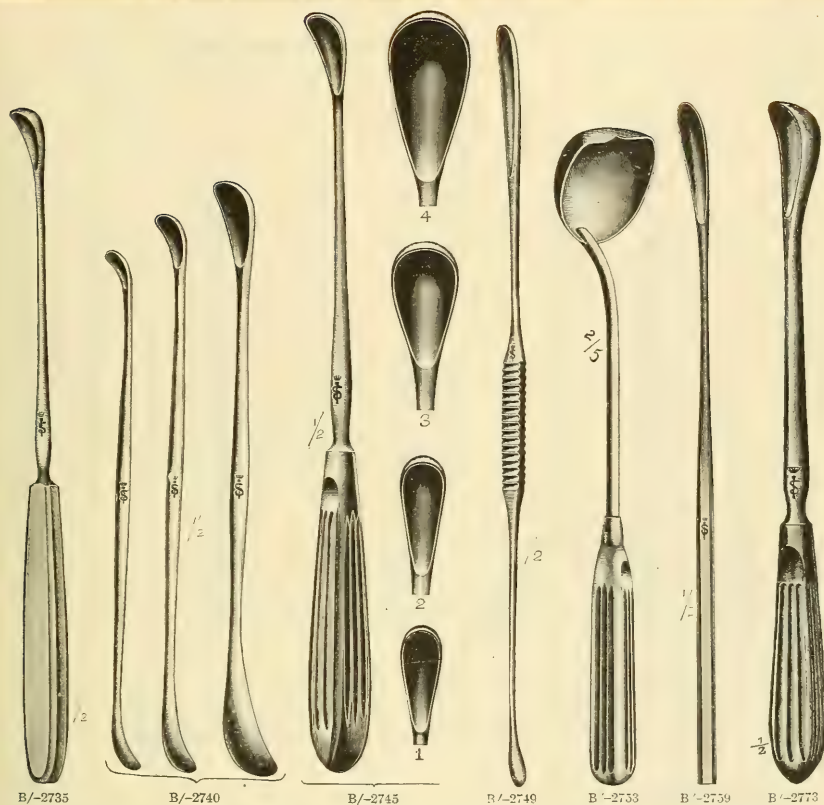


# Bone Curettes

(Continued)



	Each
B/-2680 <b>Volkman's</b> Bone Curette, corrugated handle, 6 sizes.....	\$ 1.25
B/-2681 <b>Volkman's</b> Bone Curette, smooth octagonal handle, 6 sizes.....	1.50
B/-2685 <b>Volkman's</b> Bone Curette, irrigating, 4 sizes.....	2.75
B/-2693 <b>Volkman's</b> Bone Curette, double-ended, 4½ inches.....	.75
B/-2694 <b>Volkman's</b> Bone Curette, double-ended, 5¼ inches.....	.85
B/-2695 <b>Volkman's</b> Bone Curette, double-ended, 6 inches.....	.90
B/-2696 <b>Volkman's</b> Bone Curette, double-ended, 6½ inches.....	1.00
B/-2697 <b>Volkman's</b> Bone Curette, double-ended, 8 inches.....	1.10
B/-2700 <b>Volkman's</b> Bone Curette, English Pattern, double-ended, 7¾ inches.....	1.50
B/-2705 <b>Whiting's</b> Bone Curette, smooth octagonal handle, 5 sizes...	1.75
B/-2707 <b>Whiting's</b> Bone Curette, smooth octagonal handle, fenestrated	1.75
B/-2712 Bone Curette and Osteotrite, combined.....	1.25
B/-2715 Bone Curette, double-ended, oval and round blades, 5 inches..	.90
B/-2716 Bone Curette, double-ended, oval and round blades, 7 inches..	1.10



B/-2763

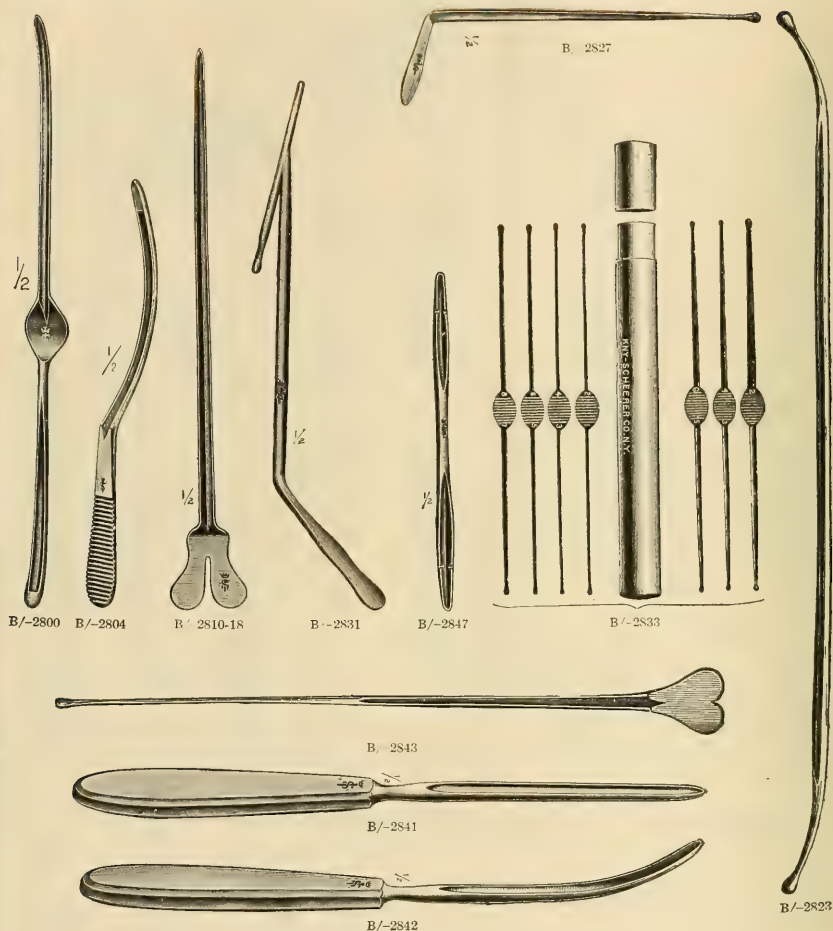
B/-2770

### Gall Stone Scoops

	Each	
B/-2735 Desjardins' Gall Stone Scoop	\$ 2.00	1/2
B/-2740 Ferguson's Gall Stone Scoop, double-ended, 3 sizes	1.00	
B/-2745 Luer-Koerte's Gall Stone Scoop, 4 sizes	2.00	
B/-2749 Mayo's Gall Stone Scoop, double-ended	1.75	
B/-2753 Moore's Gall Bladder Scoop	3.00	Each
B/-2759 Robson's Gall Stone Scoop	\$ 1.75	
B/-2763 Double-ended Gall Stone Scoop, 10 1/4 inches	1.75	

### Rectal Scoops

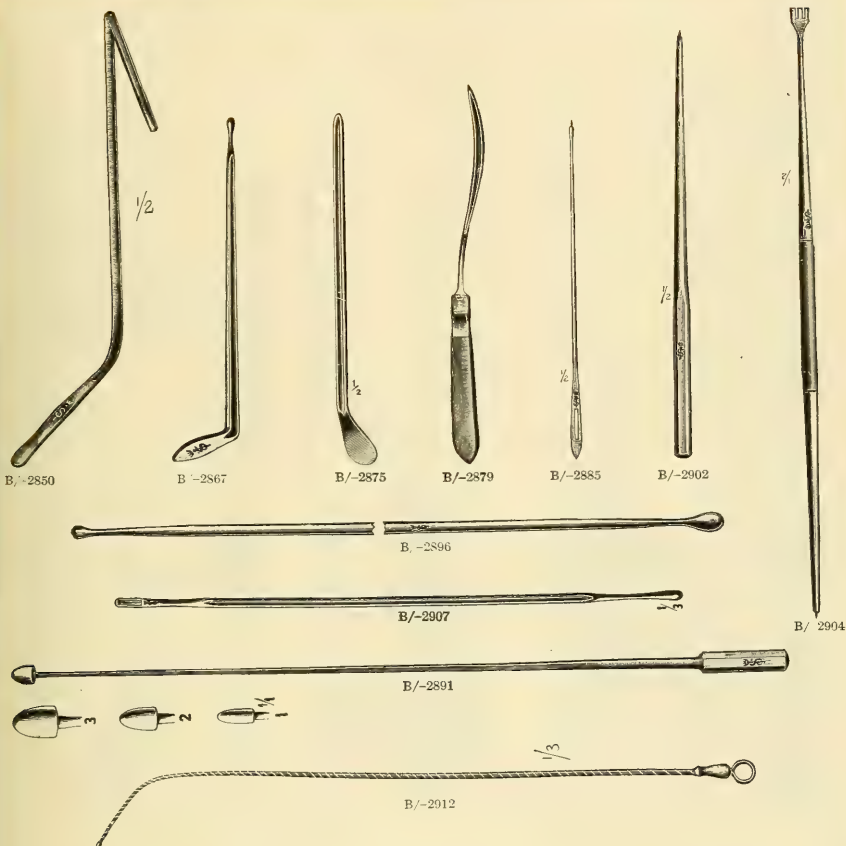
B/-2770 Kelly's Rectal Scoop, for use through Proctoscope, 15 1/2 inches	1.50
B/-2773 Kelsey's Rectal Scoop, 9 1/2 inches	2.00



### Directors

	Each		Each
B/-2800 <b>Boyd's</b> Hernia Director, double-ended.....	\$ 1.00	B/-2827 Flexible Rectal Director, angular handle.....	\$ .60
B/-2804 Curved Hernia Director.....	1.25	B -2831 <b>Gant's</b> Rectal Director, for blind fistula.....	1.00
B/-2810 Director and Tongue Tie, 6 inches.....	.40	B/-2833 <b>Gant's</b> Rectal Director, set of 7, in metal case..	4.50
B/-2812 Director and Tongue Tie, 7 inches.....	.50	B/-2841 <b>Kocher's</b> Intestinal Director, straight.....	1.25
B/-2814 Director and Tongue Tie, 8 inches.....	.60	B -2842 <b>Kocher's</b> Intestinal Director, curved.....	1.35
B/-2816 Director and Tongue Tie, 9 inches.....	.75	B -2843 <b>Larry's</b> Rectal Director.....	1.00
B/-2818 Director and Tongue Tie, 10 inches.....	.90	B/-2847 <b>Levis'</b> Hernia Director, double-ended.....	.75
B/-2823 <b>Esmarch's</b> Rectal Director, flexible tin.....	.75		





## Directors

(Continued)

	Each
B/-2850 <b>Murray-Gant's</b> Rectal Director, for blind fistula.....	\$ 1.00
B/-2867 <b>Pratt's</b> Rectal Director, angular handle, steel.....	1.50
B/-2875 <b>Wilms' Hernia</b> Director, angular handle.....	.50
B/-2879 <b>Wood's</b> Hernia Director, curved.....	1.00

## Probes

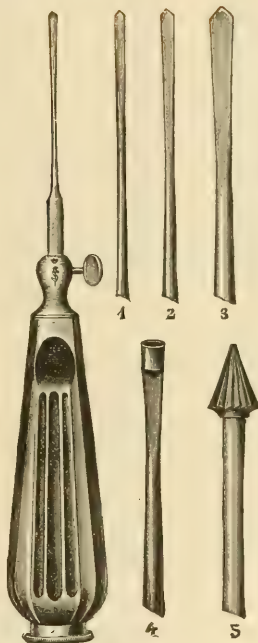
B/-2885 <b>Boldt's</b> Appendix Tucker.....	.50
B/-2891 <b>Desjardins' Gall Stone</b> Probe, 3 sizes.....	1.25
B/-2896 <b>Fluhrer's</b> Rectal Probe, copper.....	.75
B/-2902 <b>Mayo-Boldt's</b> Appendix Tucker.....	.50
B/-2904 <b>Mayo-Kelly's</b> Appendix Tucker, combined with packer.....	1.00
B/-2907 <b>Moynihan's</b> Gall Stone Probe, combined with scoop, block tin.....	1.00
B/-2912 <b>Ochsner's</b> Gall Stone Probe, spiral, 14 inches.....	1.25



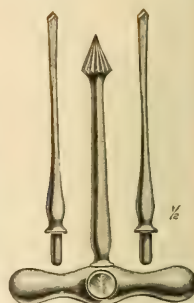
B -2925



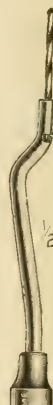
B/-2932



B -2937-3S



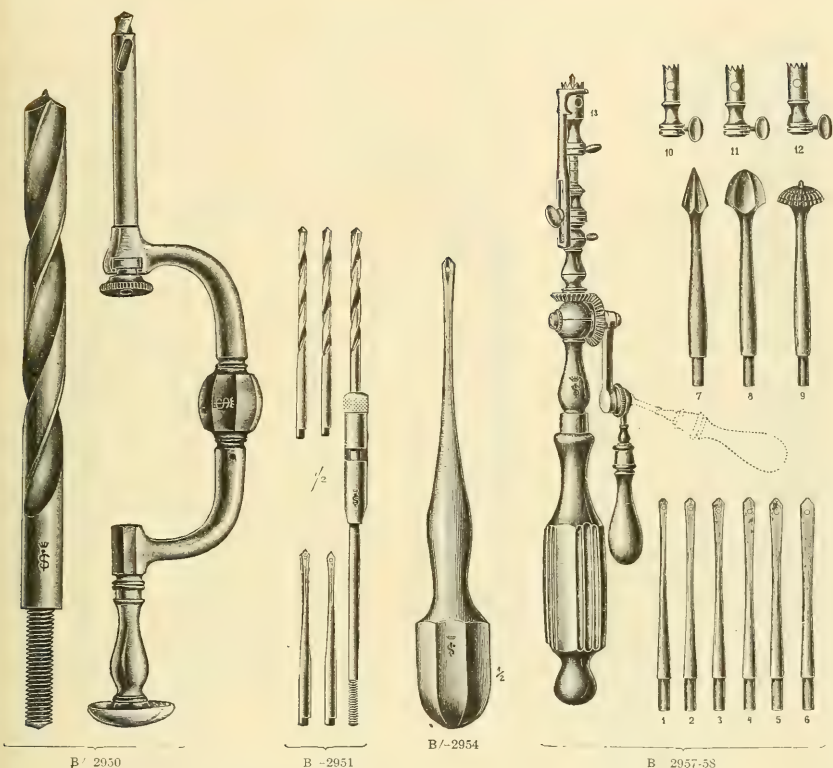
B/-2943



B -2949

### Bone Drills

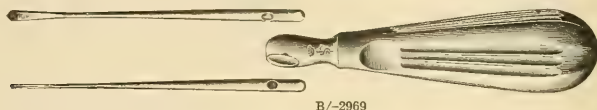
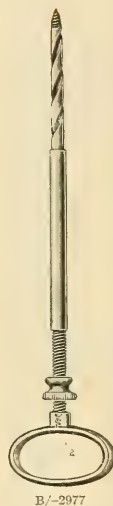
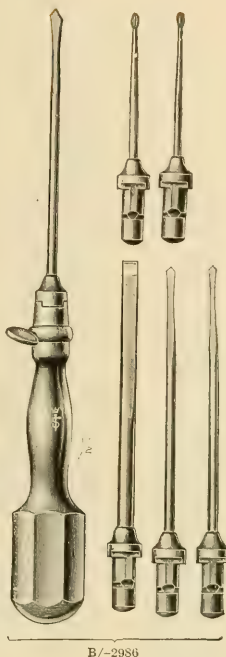
	Each		Each
B/-2925 Large Bone Drills, with 6 points, 11½ inches.....	\$ 4.00	B/-2938 Brainard's Bone Drill, with 5 points and hollow handle for holding points.....	\$ 3.50
B/-2932 Bartow's Bone Drills, with 9 points and 2 handles, used in shoulder and arm paralysis, in poliomyelitis, (see N.Y. Medical Journal, May 3, 1913)	20.00	B/-2943 Buck's Bone Drill, with 3 points...	3.00
B/-2937 Brainard's Bone Drill, with 5 points	3.00	B/-2949 Carr's Bone Drill, can be used with one hand.....	1.50



## Bone Drills

(Continued)

	Each		Each
B/-2950 Carr's Bone Drill, for the cranium...	\$ 8.00	B/-2957 Collin's Bone Drill, with 3 points, Nos. 1, 3, and 5, in leather case..	\$13.50
B/-2951 Carr's Attachment, with 2 flat and 3 twist drill points.....	2.75	B/-2958 Collin's Bone Drill, with 9 points and 4 guarded crowns, in metal case.....	22.50
B/-2954 Championnière's Bone Drill.....	1.50		

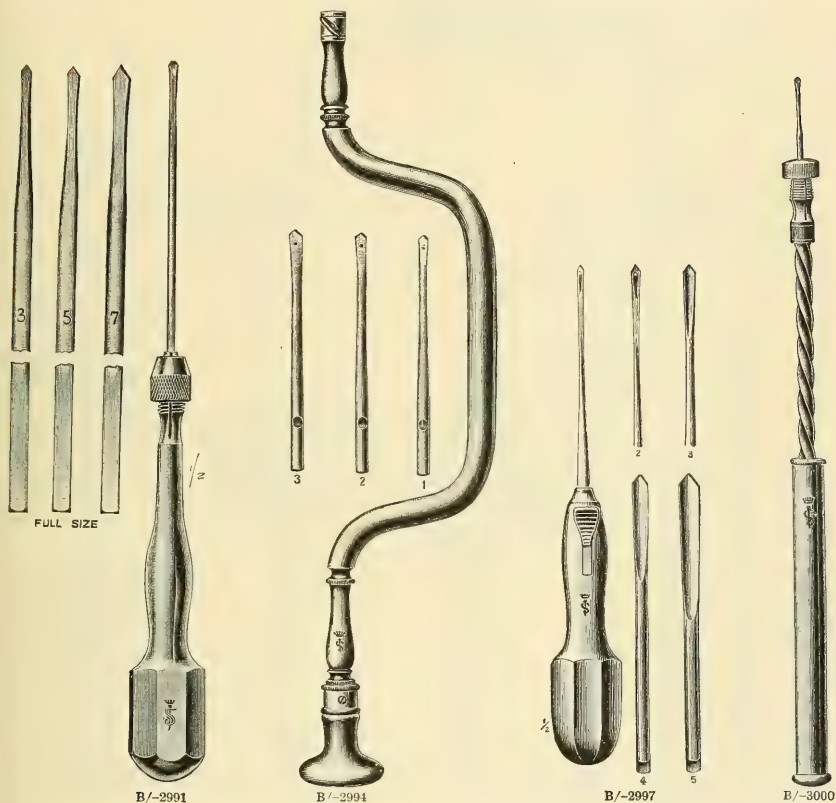


### Bone Drills

(Continued)

	Each
B/-2964 Doyen's Bone Drill, set of 3 reamers for the acetabulum.....	\$22.50
B/-2968 Esmarch's Bone Drill, plain.....	1.00
B/-2969 Esmarch's Bone Drill, with two points.....	2.00
B/-2973 Fluhrer's Bone Drill, for bone wiring.....	1.20
B/-2977 Gaillard's Bone Drill, for ununited fractures.....	2.00
B/-2981 Hamilton's Bone Drill, with 6 points.....	3.00
B/-2986 Hudson's Bone Drill, set of 5 points, screw-driver and handle (the attachments will also fit Hudson Brace B/-5076).....	6.00

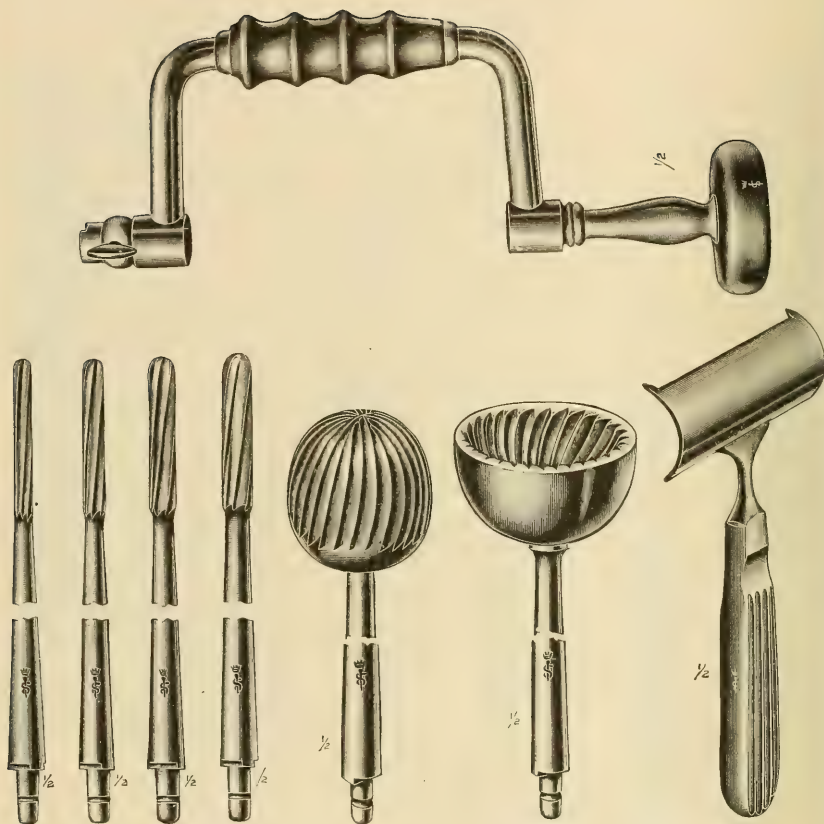




### Bone Drills

(Continued)

	Each		Each
B/-2991 Lane's Bone Drill, with 3 points...	\$ 3.50	B/-2997 Lannelongue's Bone Drill, with 5 points.....	\$ 8.00
B/-2994 Langenbeck's Bone Drill, with 3 points and brace.....	5.75	B/-3000 Marsee's Bone Drill, automatic, with 6 points.....	3.00



B 3005

## Bone Drills

(Continued)

Each

B/-3005	Murphy's Set of Bone Drills, in heavy paste-board box.....	\$ 35.00
	Brace Handle.....	7.50
	Medulla Reamer, 7 1/4 inches long, 7 mm. diameter.....	3.50
	Medulla Reamer, 7 1/4 inches long, 8 mm. diameter.....	3.50
	Medulla Reamer, 7 1/4 inches long, 9 1/2 mm. diameter.....	3.50
	Medulla Reamer, 7 1/4 inches long, 11 1/2 mm. diameter.....	3.50

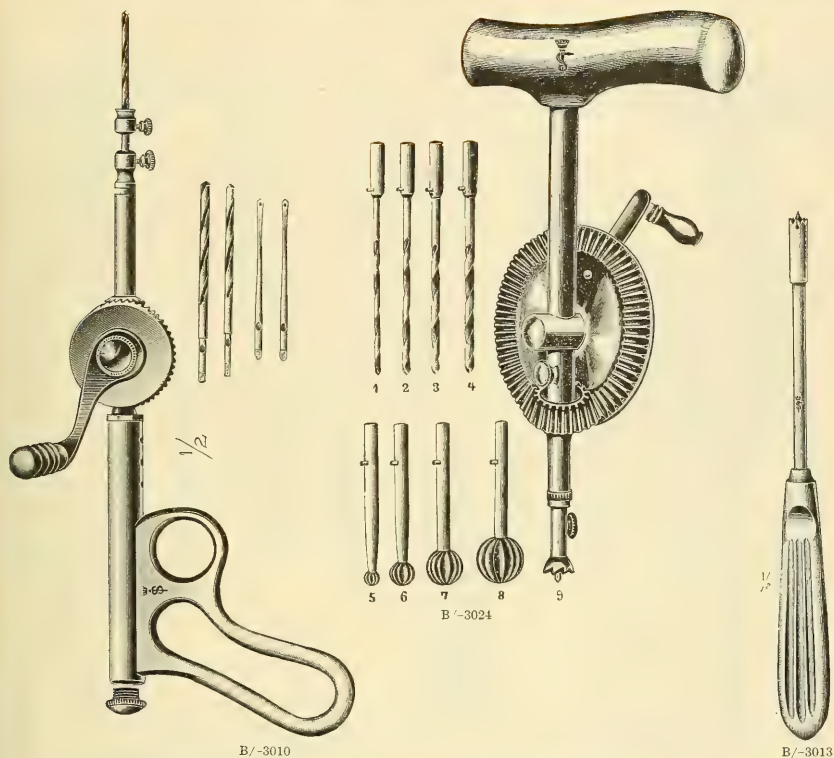
Used to ream out the medulla so that the cavity will be the proper size to receive the transplant.

Reamer.....	\$ 7.50
End Mill.....	7.50

Used in securing normal conformation of bones forming enarthrodial joints, such as hip and shoulder, and to ream out the medullary canal of long bones before the fitting in of the transplant.

Retractor Guide.....	2.50
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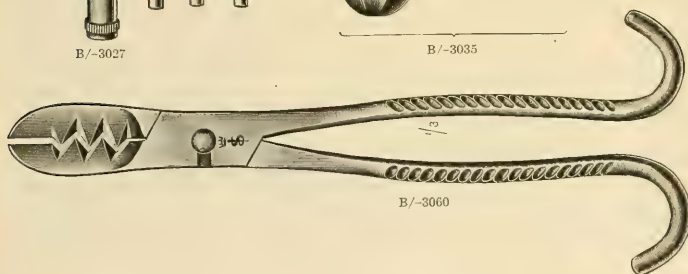
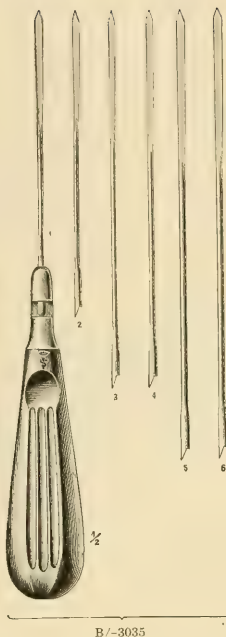
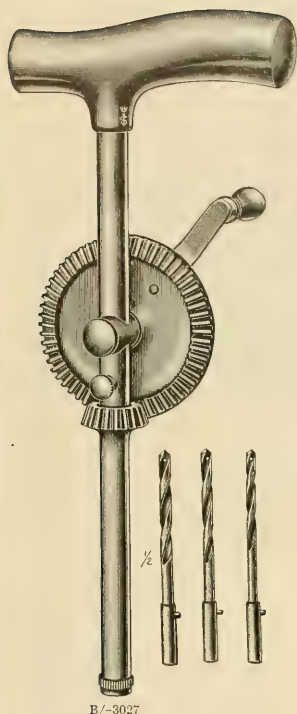
Used in removing transplant from the crest of the tibia. Spikes at either end of the free edge of the curved plate are inserted in drill holes in the tibia, thus providing a straight edge by which the chisel is guided in removing the transplant. The curved plate retracts the soft tissues without bruising them.



### Bone Drills

(Continued)

	Each
B/-3010 Pistol Grip Bone Drill, with points.....	\$ 5.50
B/-3013 Pope's Bone Drill.....	2.50
B/-3019 Schwabe's Bone Drill.....	10.50
B/-3024 Stille's Bone Drill, with 9 points.....	20.00



### Bone Drills

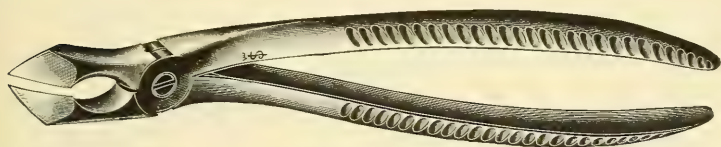
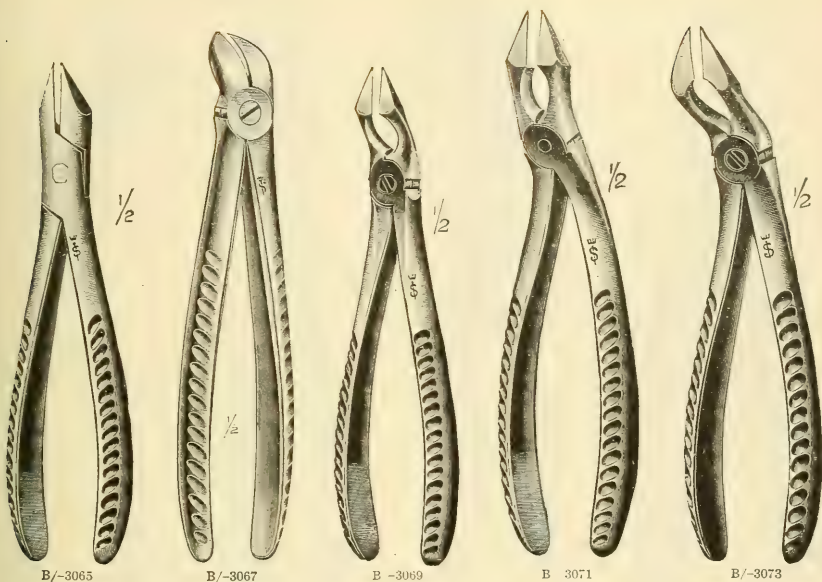
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Each		Each	
B/-3027	Stille-Sherman's Bone Drill, with cog wheel and 3 points.....	B/-3030	Wilson's Bone Drill, with guard... \$ 3.75
	\$10.75	B/-3035	Wyeth's Bone Drill, with 6 points.. 3.50

### Bone Forceps

Each		Each	
B/-3060	Hamilton's Bone Cutting Forceps, serrated blades, 14 inches.....	B/-3063	Heuel's Bone Cutting Forceps, small.....
	\$ 8.00		2.25



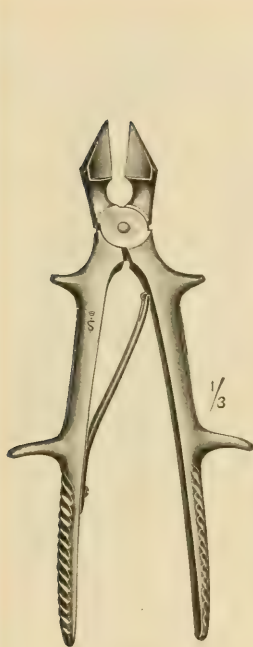


B-3075

### Bone Forceps

(Continued)

	Each		Each
B/-3065 Horsley's Bone Cutting Forceps, straight, 7 inches.....	\$ 4.00	B-3071 Horsley's Bone Cutting Forceps, double curved, 7 $\frac{3}{4}$ inches.....	\$ 4.00
B/-3067 Horsley's Bone Cutting Forceps, curved, 7 $\frac{1}{2}$ inches.....	4.00	B-3073 Horsley's Bone Cutting Forceps, double curved, 7 $\frac{3}{4}$ inches, acute angle.....	4.00
B/-3069 Horsley's Bone Cutting Forceps, double curved, 7 inches.....	4.00	B/-3075 Horsley's Bone Cutting Forceps, double curved, 10 inches, heavy..	5.50



B/-3078



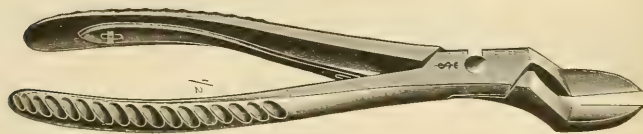
B/-3085-93



B/-3105-13



B/-3115-19



B/-3121

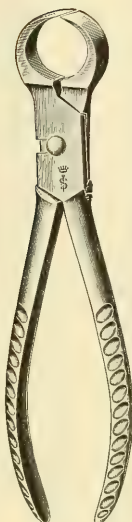
## Bone Forceps

(Continued)

	Each		Each
B/-3078 Horsley-Hudson's Bone Cutting Forceps, for use with 2 hands.....	\$15.00	B/-3107 Liston's Bone Cutting Forceps, curved, 6 $\frac{3}{4}$ inches.....	\$2.50
B/-3085 Liston's Bone Cutting Forceps, straight, 5 $\frac{3}{4}$ inches.....	2.25	B/-3109 Liston's Bone Cutting Forceps, curved, 7 $\frac{1}{2}$ inches.....	2.75
B/-3087 Liston's Bone Cutting Forceps, straight, 6 $\frac{3}{4}$ inches.....	2.50	B/-3111 Liston's Bone Cutting Forceps, curved, 8 $\frac{3}{4}$ inches.....	3.00
B/-3089 Liston's Bone Cutting Forceps, straight, 7 $\frac{1}{2}$ inches.....	2.75	B/-3113 Liston's Bone Cutting Forceps, curved, 11 inches.....	6.00
B/-3091 Liston's Bone Cutting Forceps, straight, 8 $\frac{3}{4}$ inches.....	3.00	B/-3115 Liston's Bone Cutting Forceps, angular, 7 inches.....	2.75
B/-3093 Liston's Bone Cutting Forceps, straight, 11 inches.....	6.00	B/-3117 Liston's Bone Cutting Forceps, angular, 8 $\frac{3}{4}$ inches.....	3.25
B/-3105 Liston's Bone Cutting Forceps, curved, 5 $\frac{3}{4}$ inches.....	2.25	B/-3119 Liston's Bone Cutting Forceps, angular, 11 inches.....	7.50
		B/-3121 Liston's Bone Cutting Forceps, bayonet shape, 8 $\frac{3}{4}$ inches.....	4.00



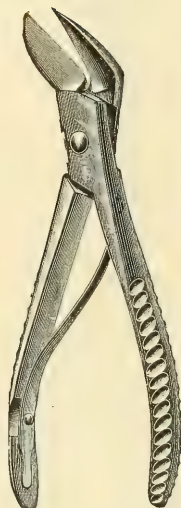
B/-3125-27



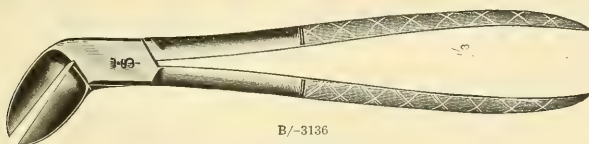
B/-3145



B/-3150



B/-3153



B/-3136

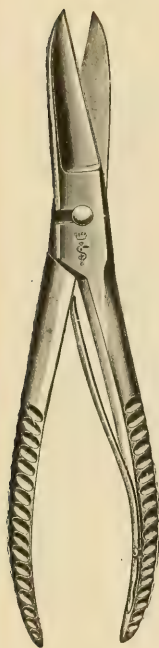


B/-3130

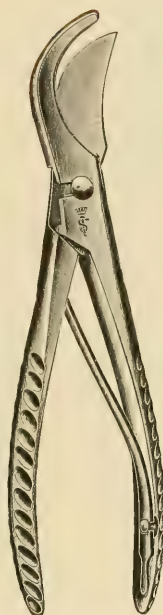
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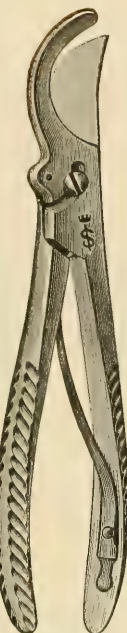
	Each		Each
B/-3125 Liston's Bone Cutting Forceps, projecting edge, 4 1/2 inches.....	\$ 2.75	B/-3136 Mayo's Bone Cutting Forceps, angular.....	\$ 7.50
B/-3127 Liston's Bone Cutting Forceps, projecting edge, 6 1/2 inches.....	3.00	B/-3145 Satterlee's Bone Cutting Forceps.....	3.00
B/-3130 Liston's Bone Cutting Forceps, double jointed.	12.00	B/-3150 Velpeau's Bone Cutting Forceps, Maxillary...	3.50
		B/-3153 Volkman's Bone Cutting Forceps, angular...	4.00



B/-3165



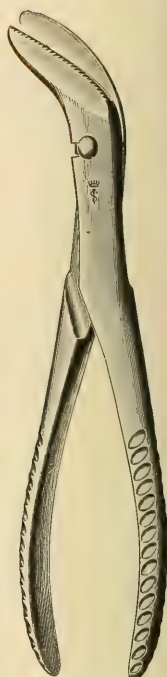
B/-3167



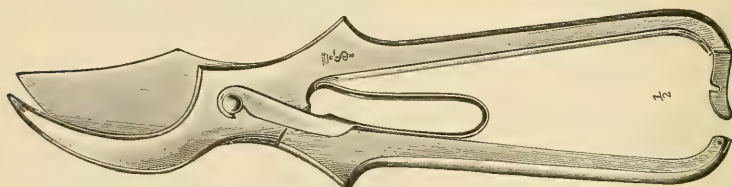
B/-3171



B/-3175



B/-3176



B/-3169

### Bone Forceps

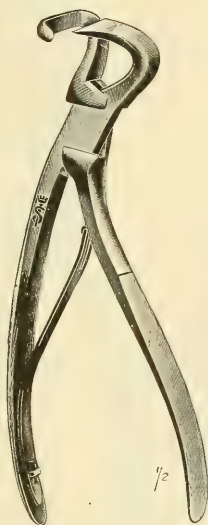
(Continued)

	Each
B/-3165 Plain Rib Shears, straight blade.....	\$ 2.75
B/-3167 Plain Rib Shears, curved blade.....	3.50
B/-3169 Plain Rib Shears, curved blade, with catch.....	4.25
B/-3171 Plain Rib Shears, curved, eccentric sliding blade.....	4.00
B/-3175 Charrière's Rib Shears, straight.....	3.75
B/-3176 Charrière's Rib Shears, curved.....	4.00





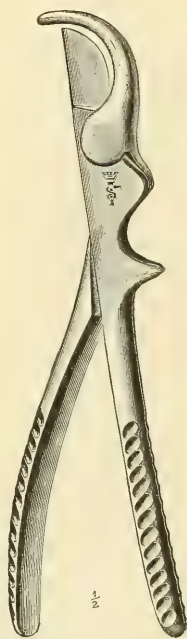
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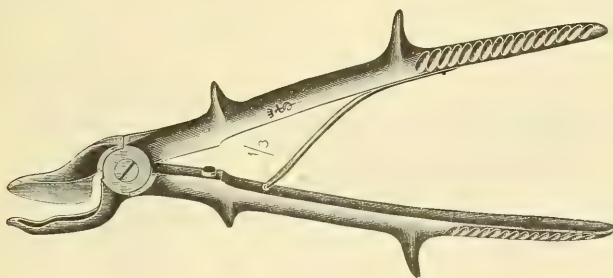
B/-3185



B/-3190



B/-3195-96

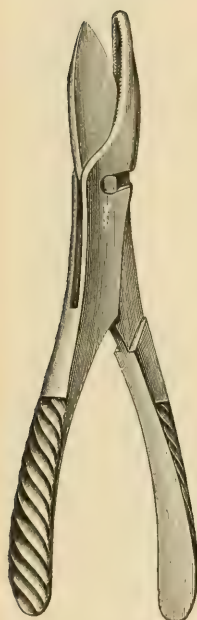


B/-3201

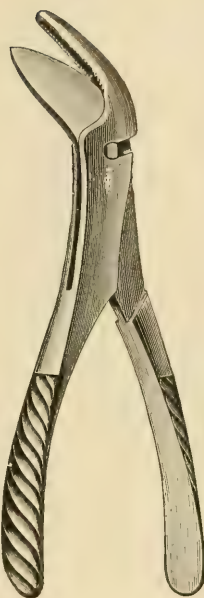
### Bone Forceps

(Continued)

	Each		Each
B/-3180 Collin's Rib Shears, full curved....	\$ 3.50	B/-3195 Gluck's Rib Shears, small.....	\$ 3.00
B/-3185 Doyen's Rib Shears.....	7.50	B/-3196 Gluck's Rib Shears, large.....	3.50
B/-3190 Farabeuf's Rib Shears.....	3.75	B/-3201 Hudson's Sternum Shears.....	20.00



B/-3215



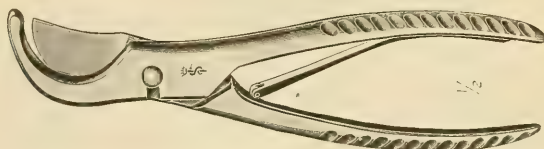
B/-3216



B/-3217



B/-3210-11



B/-3206

## Bone Forceps

(Continued)

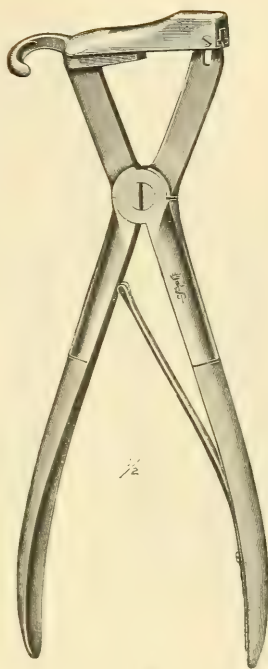
	Each		Each
B/-3206 <b>Koenig's Rib Shears</b> .....	\$ 3.75	B/-3215 <b>Mathieu's Rib Shears, straight</b> ....	\$ 4.25
B/-3210 <b>Luecke's Rib Shears, plain</b> .....	9.00	B/-3216 <b>Mathieu's Rib Shears, half curved</b> ..	4.50
B/-3211 <b>Luecke's Rib Shears, with catch</b> ....	12.00	B/-3217 <b>Mathieu's Rib Shears, full curved</b> ..	4.75



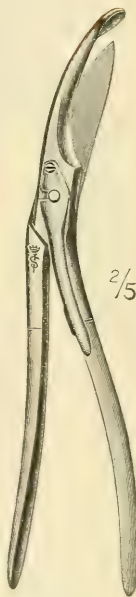
B/-3222



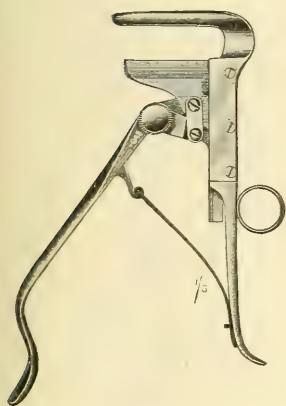
B/-3226



B-3231



B/-3237

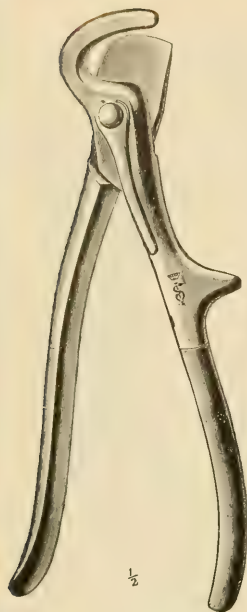


B/-3238

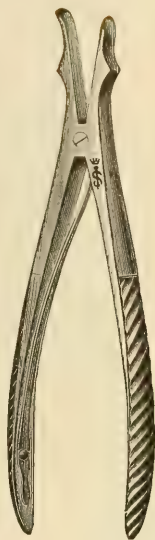
### Bone Forceps

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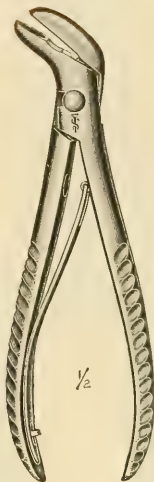
	Each
B/-3222 Ramier's Rib Shears.....	\$ 4.50
B/-3226 Rose's Rib Shears.....	3.50
B/-3231 Shoemaker's (Leyden) Rib Shears.....	12.00
B/-3237 Schumacher's (Berne) Rib Shears.....	8.00
B/-3238 Schumacher's (Berne) Sternum Shears.....	18.00



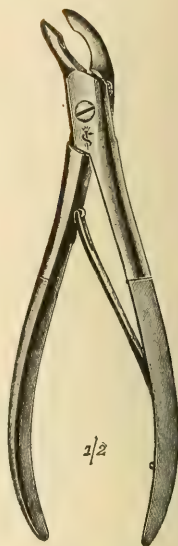
B/-3243



B/-3250



B/-3265



B/-3269

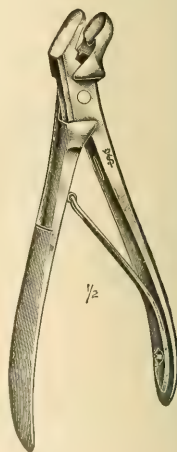
### Bone Forceps

(Continued)

	Each
B/-3243 <b>Stillé's Rib Shears</b> .....	\$ 3.00
B/-3250 <b>Collin's Rib Dilator</b> .....	4.00
B/-3265 <b>Andrew's Bone Rongeur</b> .....	3.50
B/-3269 <b>Bacon's Bone Rongeur</b> .....	5.00
B/-3273 <b>Bane's Bone Rongeur</b> .....	3.75
B/-3277 <b>Barnhill's Bone Rongeur</b> .....	5.00

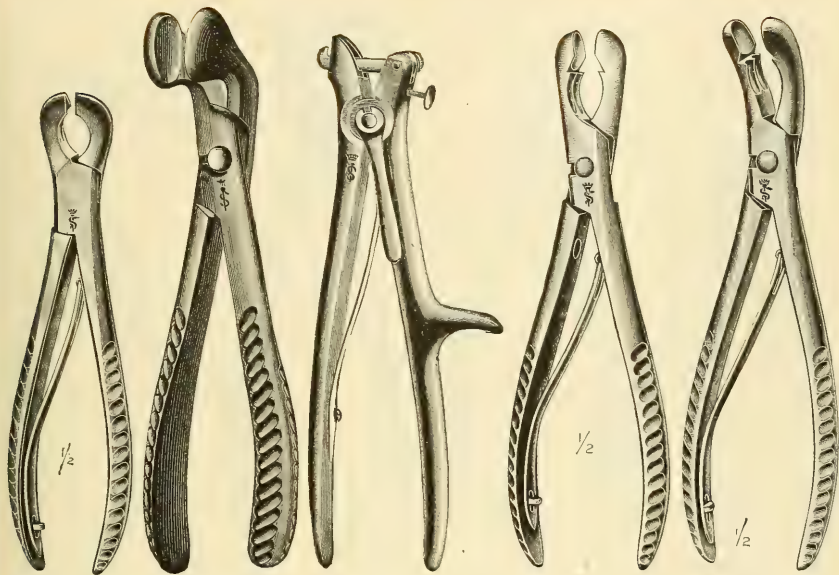


B/-3273



B/-3277





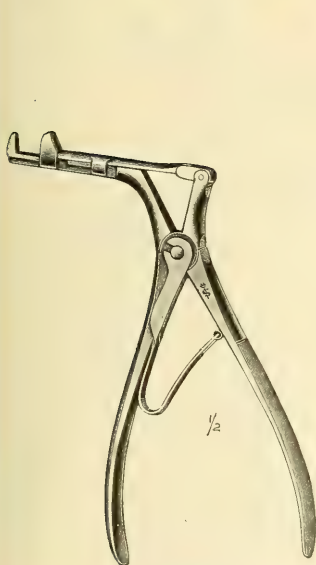
B/-3285

B/-3294

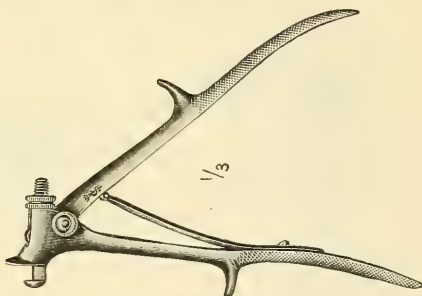
B/-3295

B/-3297

B/-3298



B/-3291

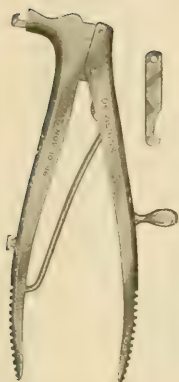


B/-3281

### Bone Forceps

(Continued)

	Each
B/-3281 Blaisdell's Bone Rongeur, cranial, with 2 extra blades. . . . .	\$ 10.50
B/-3285 Ceccherelli's Bone Rongeur (Bernays' Groover) . . . . .	4.50
B/-3291 Cozzolini-Allport's Bone Rongeur, cranial. . . . .	12.00
B/-3294 Czerny's Bone Rongeur, large. . . . .	5.00
B/-3295 Dahlgren's Bone Rongeur, with 2 extra hocks . . . . .	6.00
B/-3297 Darby's Bone Rongeur, combined with osteophore, straight. . . . .	3.75
B/-3298 Darby's Bone Rongeur, combined with osteophore, curved. . . . .	4.00



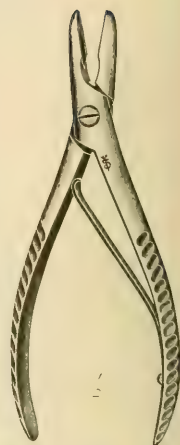
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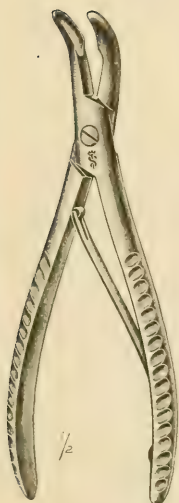
B -3308



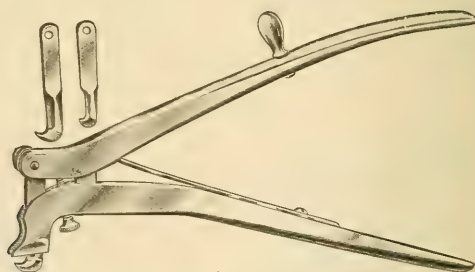
B -3316-18



B -3324



B -3325

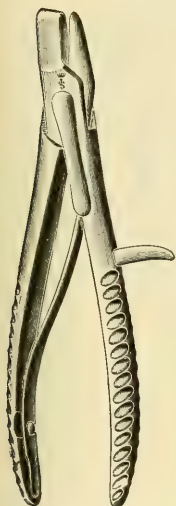


B -3305

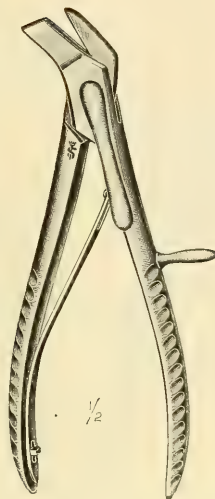
## Bone Forceps

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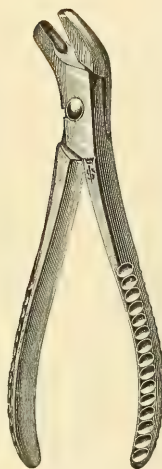
	Each
B -3303 DeVilbiss' Bone Rongeur, cranial.....	\$ 4.50
B/-3305 DeVilbiss' Bone Rongeur, cranial, extra large.....	6.00
B/-3308 Doyen's Bone Rongeur, cranial.....	4.00
B -3316 Esmarch's Bone Rongeur, 8½ inches, with 1 inch jaw....	5.50
B/-3317 Esmarch's Bone Rongeur, 7½ inches, with ¾ inch jaw....	4.50
B/-3318 Esmarch's Bone Rongeur, 7 inches, with ⅜ inch jaw.....	3.50
B -3324 Hartmann's Bone Rongeur, straight.....	3.50
B/-3325 Hartmann's Bone Rongeur, curved.....	3.75



B/-3329



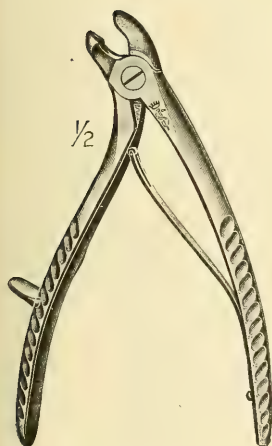
B/-3330



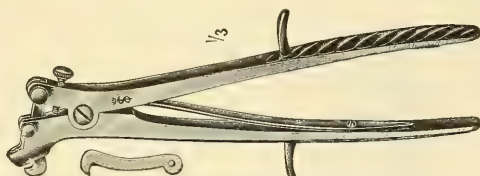
B/-3334



B/-3335



B/-3339

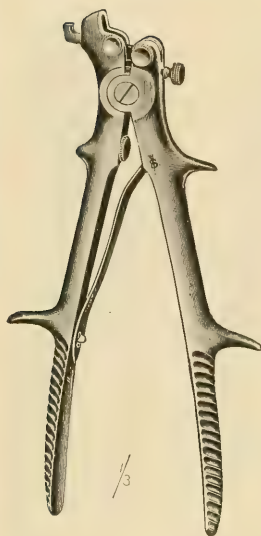


B, -3340

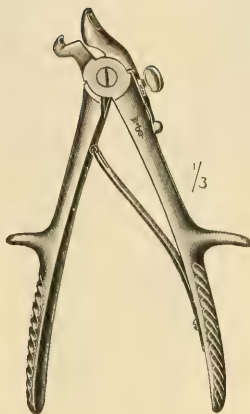
### Bone Forceps

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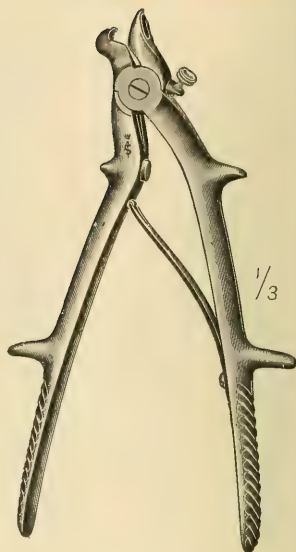
	Each
B/-3329 Hoffmann's Bone Rongeur, straight . . . . .	\$ 3.50
B/-3330 Hoffmann's Bone Rongeur, angular . . . . .	3.75
B/-3334 Hopkins' Bone Rongeur . . . . .	3.50
B/-3335 Hopkins' Bone Rongeur, spinal . . . . .	3.50
B/-3339 Horsley's Bone Rongeur, spinal . . . . .	5.00
B/-3340 Hudson's Bone Rongeur, cranial, with 1 extra blade . . . . .	13.50



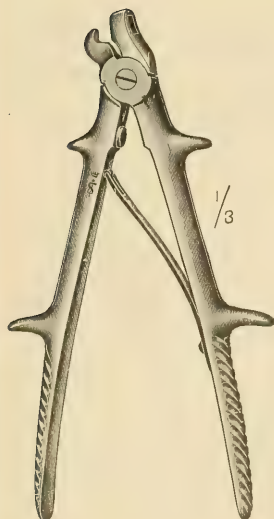
B/-3342



B/-3345



B/-3347



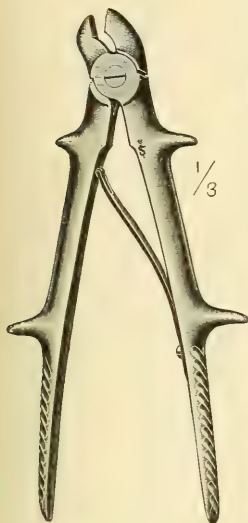
B/-3349

## Bone Forceps

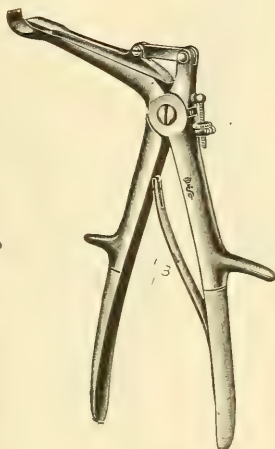
(Continued)

	Each
B/-3342 <b>Hudson's Bone Rongeur, cranial, Two-Hand</b> . . . . .	\$18.00
A powerful channel cutting forceps.	
B/-3345 <b>Hudson's Undercutting Channel Forceps</b> . . . . .	16.50
One-hand undercutting channel-making forceps, same qualities as two-hand but not so powerful. These two forceps are most essential for brain operations.	
B/-3347 <b>Hudson's Undercutting Channel Forceps, Two-Hand</b> . . . . .	20.00
Two-hand undercutting channel-making forceps. Best instrument yet made for making bone trap-doors in skull. Cuts on new principle, and will also cut short channels under muscles of skull and under the scalp.	
B/-3349 <b>Hudson's Cerebellum Forceps</b> . . . . .	20.00

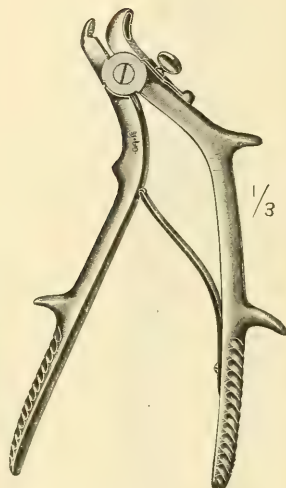




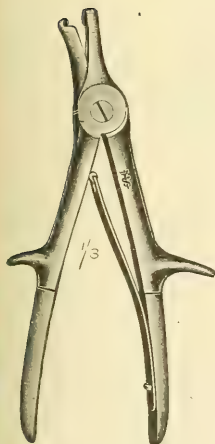
B - 3351



B. 3353



B, -3357



B. - 3355

## Bone Forceps

(Continued)

Each

- B -3351 **Hudson's Cerebellum Forceps, with cupped jaws.....\$15.00**

Forceps for cutting away bone for permanent removal, over cerebellum or elsewhere. Absolutely necessary for cranial operations.

- B/-3353 **Hudson's Cerebellum Forceps, for osteo-plastic exposure..... 15.00**

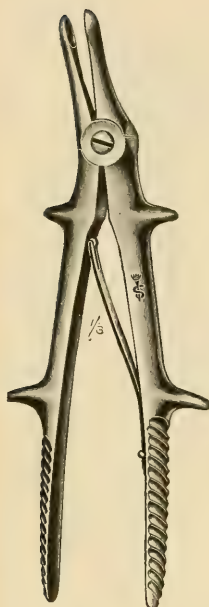
For cutting long channels under muscles and scalp; necessary for making osteo-plastic exposure in cerebellum. The coming method of cerebellum operations.

- B/-3355 **Hudson's Chisel Forceps, for Laminectomy..... 22.00**

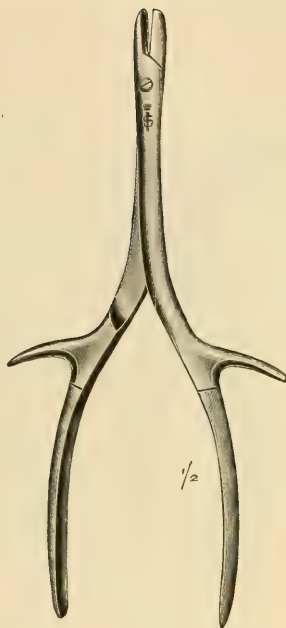
Chisel forceps for Laminectomy. Most important, adds a new possibility to operation on spinal cord.

- B/-3357 **Hudson's Laminectomy Rongeur..... 20.00**

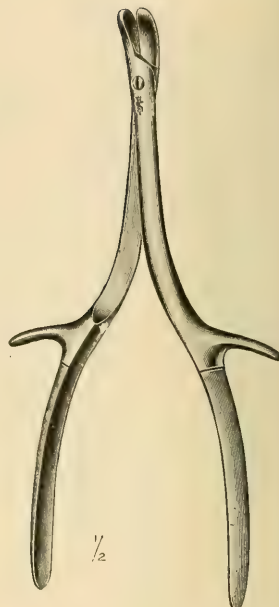
Vast improvement on any other instrument yet devised. With chisel forceps B/-3355 make a wonderful advance in the exposure of the spinal cord, in lumbar region, no other way approaching this in exposure of the cord there.



B/-3366



B -3361



B -3363

## Bone Forceps

(Continued)

Each

B/-3359 **Hudson's Beveling Forceps**..... \$ 11.00

Hudson's special beveling forceps for removing the inner edge of bone in all decompression operations. This applies to the subtemporal, and the ordinary decompression operation where nothing is left but the scalp; and as well to Hudson's method. By beveling the inner edge of bone much less damage is inflicted on the brain substance, as the pressure forcibly extrudes it through the opening in the skull. In Hudson's method of decompression this danger is not a serious one, nevertheless the internal sharp edge of bone should in all cases be carefully removed.

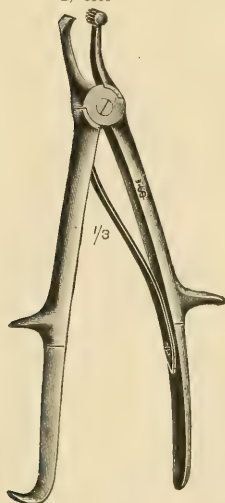
B/-3361 **Hudson's Sella Turcica Forceps, straight**..... 6.00

B/-3363 **Hudson's Sella Turcica Forceps, curved**..... 6.00

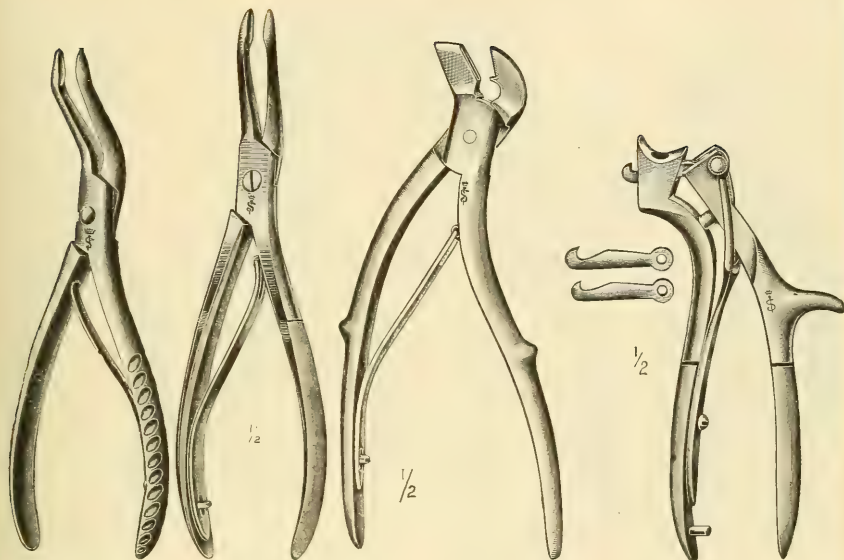
In operations upon the pituitary body which are undertaken through the nasal route, after whatever method of choice, the nasal septum including a portion of the vomer must be cut away. Most surgeons will attempt to elevate the cartilaginous septum in mass, but the bony septum must be removed until sufficient room is gained. The primary opening on to the pituitary tumor is first made with the Hudson's Self-stopping Perforator. After the first perforation has been made, the opening should be enlarged with Hudson's Fol-lower. The bony septum is best removed with the Sella Turcica Forceps, either straight or curved. Then the bony opening to the pituitary tumor is enlarged to a sufficient extent with the straight or curved Sella Turcica Forceps. These forceps can be accurately held in the hand, introduced and used in the restricted nasal passage.

B/-3366 **Hudson's Foramen Magnum Forceps**..... 15.00

Essential forceps for cutting bone edges away around foramen magnum, and in all operations on the brain where edges of bone must be removed or rounded off. Most essential for good technique.



B/-3359

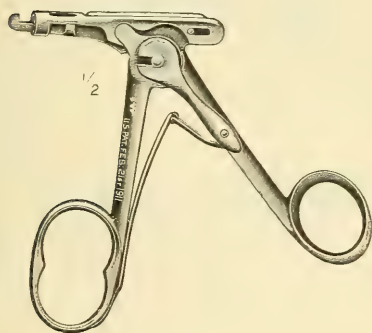


B/-3375

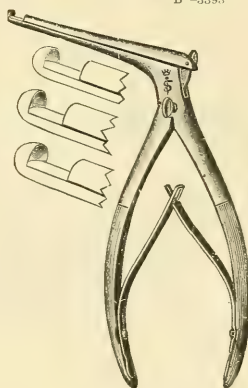
B/-3376

B/-3383

B/-3393



B/-3379



B/-3388

## Bone Forceps

(Continued)

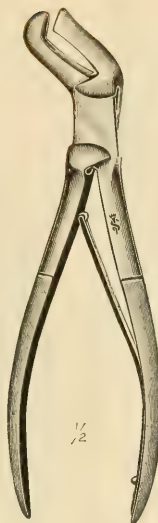
	Each
B/-3375 Jansen's Bone Rongeur.....	\$ 3.75
B/-3376 Jansen's Bone Rongeur, improved.....	4.00
B/-3379 Jansen-"Detlenk" Bone Rongeur.....	18.00
B/-3383 Keen's Bone Rongeur, cranial.....	3.75
B/-3388 Kerrison's Bone Rongeur, 3 sizes.....	8.50
B/-3393 Krause's Bone Rongeur, cranial and spinal.....	6.50



B/-3403



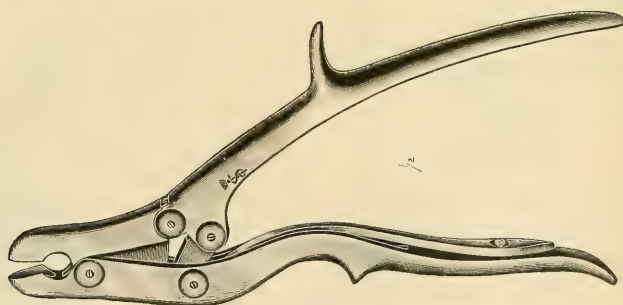
B/-3406



B/-3409



B/-3414



B/ 3399

## Bone Forceps

(Continued)

	Each
B/-3399 Lambotte's Bone Rongeur, double lever action.....	\$ 14.50
B/-3403 Lane's Bone Rongeur, cranial.....	4.50
B/-3406 Lannelongue's Bone Rongeur, cranial.....	4.50
B/-3409 Lombard's Bone Rongeur, bayonet shape.....	6.50
B/-3414 Lucae's Bone Rongeur.....	4.00





B/-3417



B/-3418



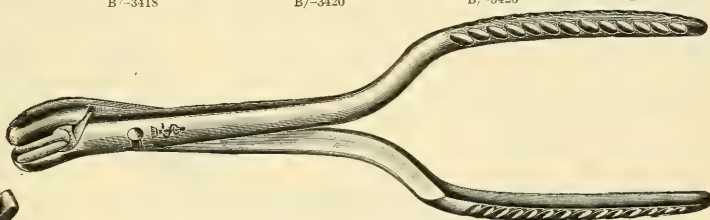
B/-3420



B/-3423



B/-3424

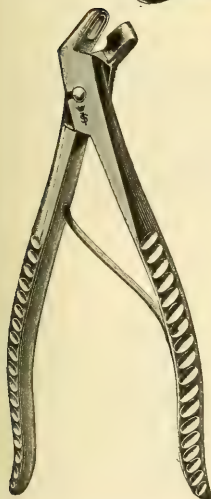


B/-3432

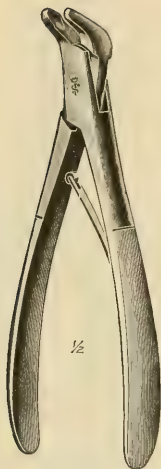
# Bone Forceps

(Continued)

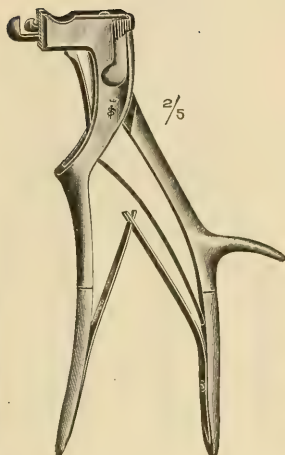
	Each
B/-3417 Luer's Bone Rongeur, straight. ....	\$ 3.00
B/-3418 Luer's Bone Rongeur, curved. ....	3.50
B/-3420 Luer's Bone Rongeur, curved, with Collin's lock. ....	3.75
B/-3423 Luer-Hartmann's Bone Rongeur, slightly curved. ....	3.00
B/-3424 Luer-Hartmann's Bone Rongeur, full curved. ....	3.25
B/-3429 Mathieu's Bone Rongeur, cranial. ....	5.00
B/-3432 Nelaton's Bone Rongeur. ....	6.00



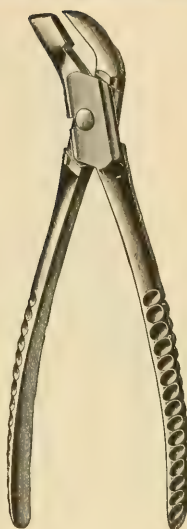
B/-3429



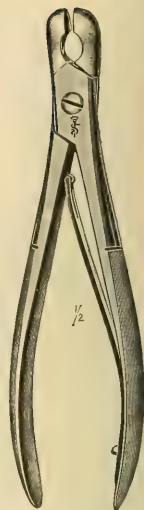
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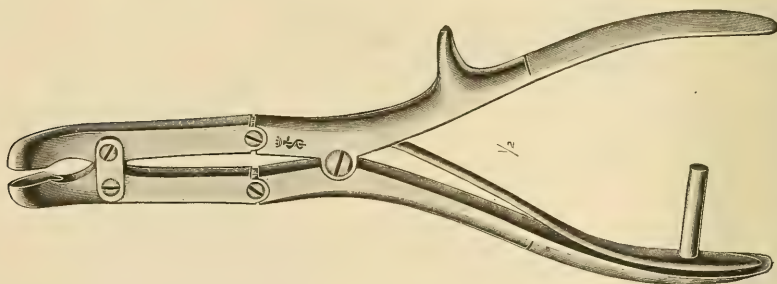
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B/-3447



B/-3460

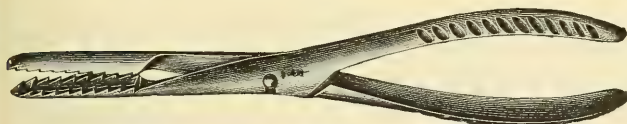
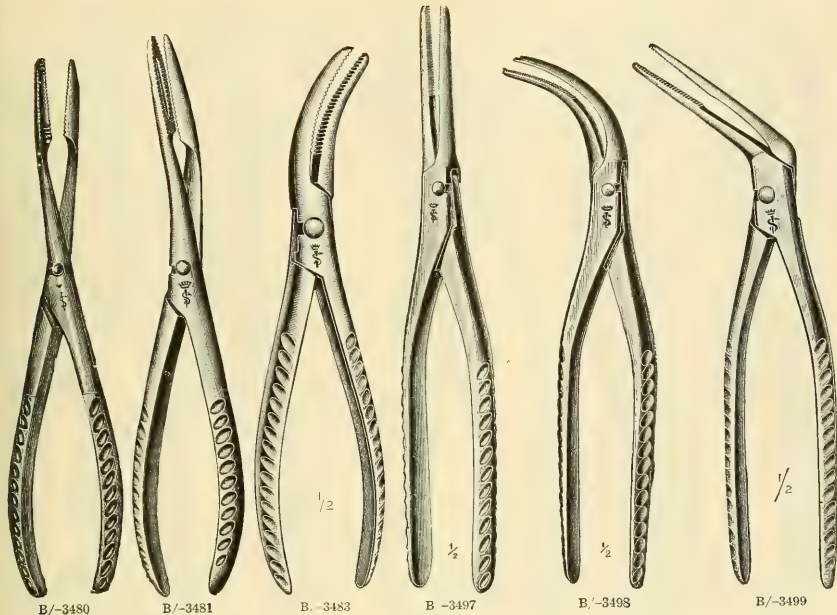


B/-3453

### Bone Forceps

(Continued)

	Each
B/-3437 Pierce's Bone Rongeur .....	\$ 4.50
B/-3441 Quervain's Bone Rongeur, cranial, with protector for dura mater.....	12.00
B/-3447 Stille's Bone Rongeur, cranial.....	4.00
B/-3453 Van Havre's Bone Rongeur, double lever action.....	13.50
B/-3460 Whiting's Bone Rongeur .....	3.75

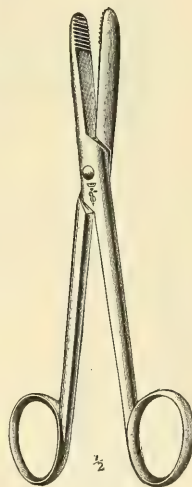


B/-3493

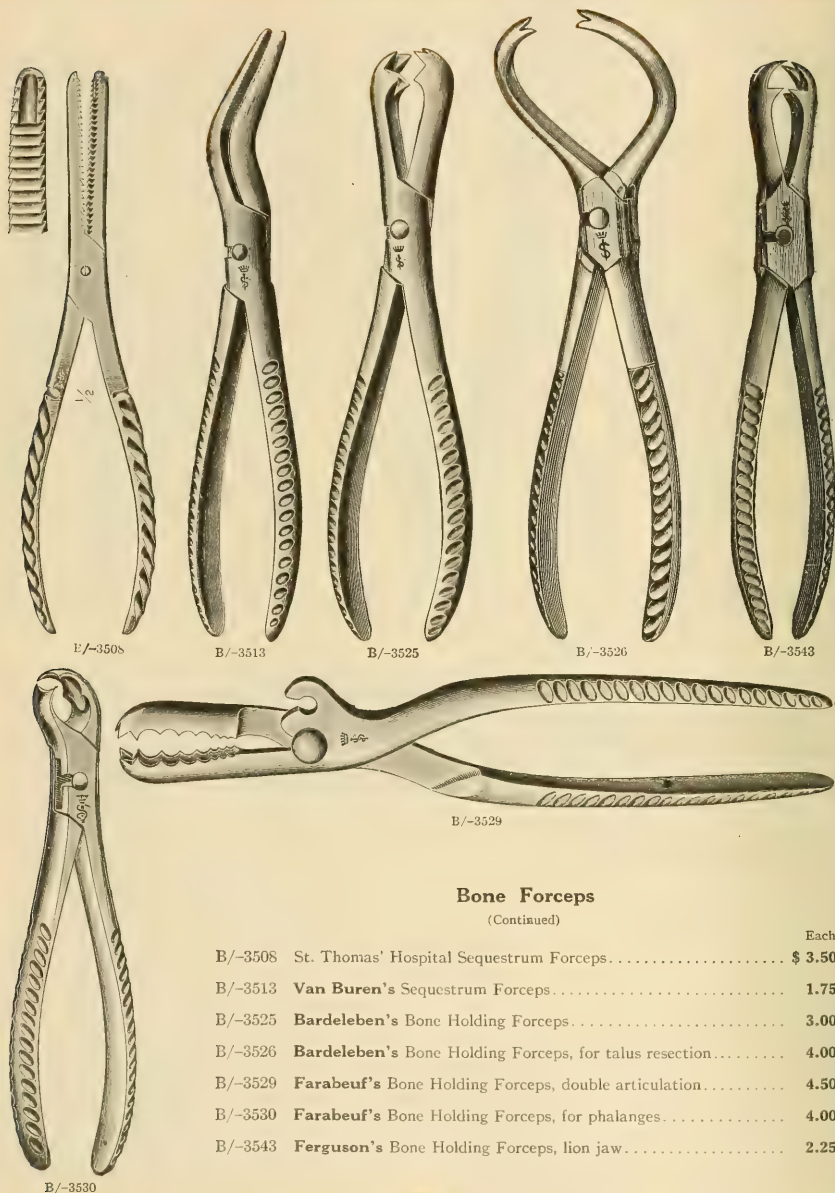
### Bone Forceps

(Continued)

	Each
B/-3480 Plain Sequestrum Forceps, straight .....	\$ 2.25
B/-3481 Plain Sequestrum Forceps, curved on flat .....	2.50
B/-3483 Plain Sequestrum Forceps, curved sideways .....	2.50
B/-3489 <b>Hamilton's</b> Sequestrum Forceps, scissor handle .....	2.25
B/-3493 <b>Koenig's</b> Sequestrum Forceps .....	3.00
B/-3497 <b>Mathieu's</b> Sequestrum Forceps, straight .....	3.00
B/-3498 <b>Mathieu's</b> Sequestrum Forceps, curved sideways .....	3.75
B/-3499 <b>Mathieu's</b> Sequestrum Forceps, angular .....	4.00



B/-3489

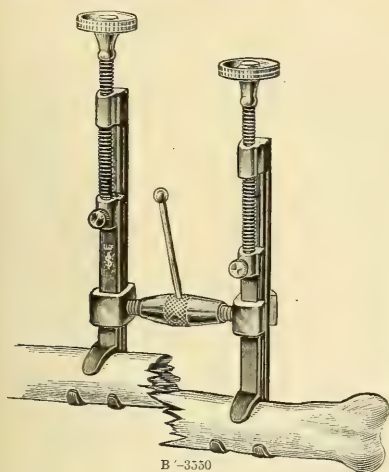


### Bone Forceps

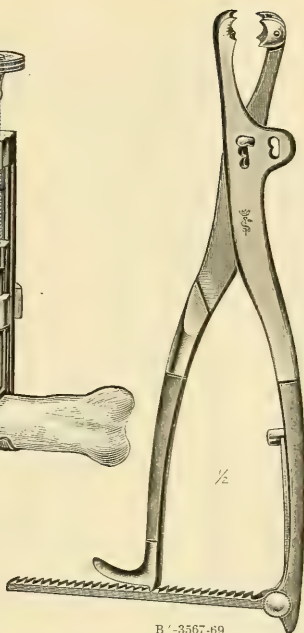
(Continued)

	Each.
B/-3508 St. Thomas' Hospital Sequestrum Forceps.....	\$ 3.50
B/-3513 Van Buren's Sequestrum Forceps.....	1.75
B/-3525 Bardeleben's Bone Holding Forceps.....	3.00
B/-3526 Bardeleben's Bone Holding Forceps, for talus resection.....	4.00
B/-3529 Farabeuf's Bone Holding Forceps, double articulation.....	4.50
B/-3530 Farabeuf's Bone Holding Forceps, for phalanges.....	4.00
B/-3543 Ferguson's Bone Holding Forceps, lion jaw.....	2.25

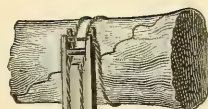




B/-3550



B/-3567-69



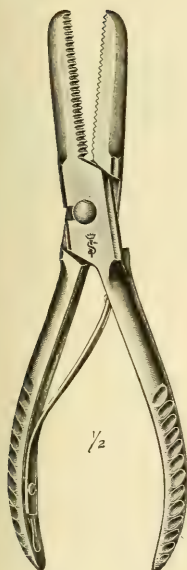
B/-3549



B/-3558



B/-3551

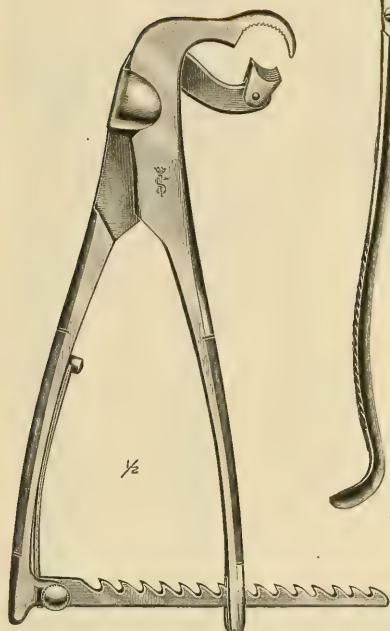


B/-3555

## Bone Forceps

(Continued)

	Each
B/-3549 <b>Gerster-Lowman's Bone and Plate Holding Clamp, extra heavy</b> .....	\$ 10.00
B/-3550 <b>Gerster's Turn Buckle, used in connection with Lowman's Clamps, set of 2, large and small</b> .....	5.00
B/-3551 <b>Gerster-Bishop's Turn Buckle Hook, for preventing clamp ends from converging</b> .....	4.00
B/-3555 <b>Hamilton's Bone Holding Forceps</b> .....	3.25
B/-3558 <b>Hawley's Bone Holding Clamp</b> .....	7.50
B/-3567 <b>Lambotte's Bone Holding Forceps, small, 8 3/4 inches</b> ..	7.50
B/-3568 <b>Lambotte's Bone Holding Forceps, medium, 10 3/4 inches</b> .....	9.50
B/-3569 <b>Lambotte's Bone Holding Forceps, large, 12 3/4 inches</b>	12.00



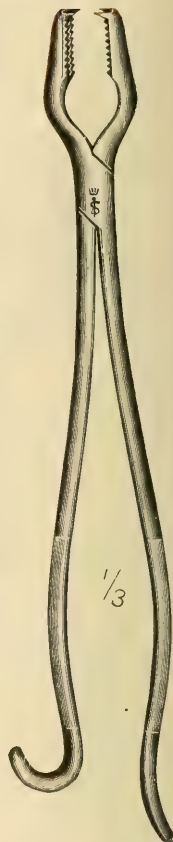
B/-3573-74



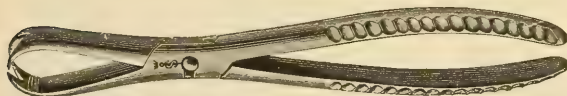
B/-3579



B/-3581



B/-3582

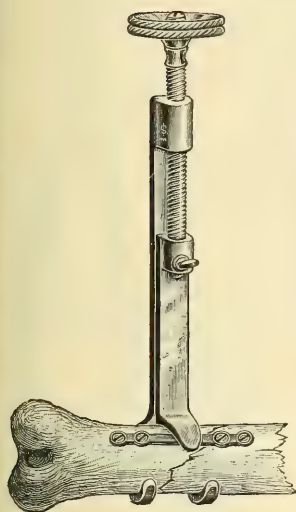


B/-3585

### Bone Forceps

(Continued)

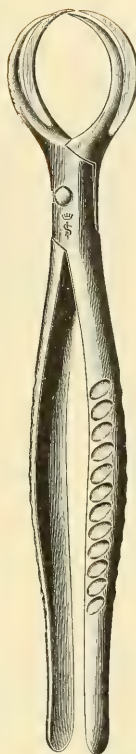
	Each		Each
B/-3573 <b>Lambotte's Bone Holding Forceps</b> , angular, 8 $\frac{3}{4}$ inches.....	\$12.00	B/-3581 <b>Lane's Bone Holding Forceps</b> , im- proved, 12 inches.....	\$ 7.00
B/-3574 <b>Lambotte's Bone Holding Forceps</b> , angular, large, 10 $\frac{3}{4}$ inches.....	14.00	B/-3582 <b>Lane's Bone Holding Forceps</b> , im- proved, 17 $\frac{1}{2}$ inches.....	10.00
B/-3579 <b>Lane's Bone Holding Forceps</b> , original, 12 inches.....	6.50	B/-3585 <b>Langenbeck's Bone Holding Forceps</b>	3.00



B/-3593-94



B/-3597



B/-3598

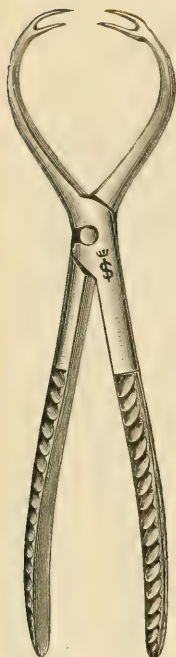


B/-3603

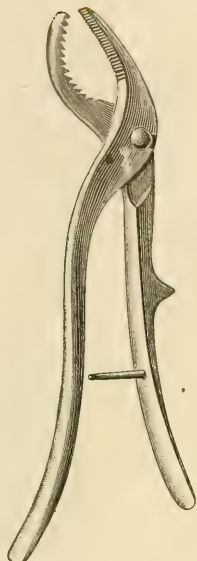
### Bone Forceps

(Continued)

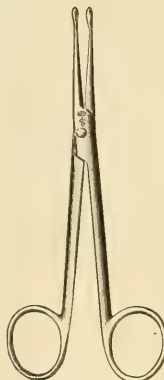
	Each
B/-3593 Lowman's Bone and Plate Holding Clamp, small . . . . .	\$ 7.50
B/-3594 Lowman's Bone and Plate Holding Clamp, large . . . . .	7.50
B/-3597 Mathieu's Bone Holding Forceps, with 12 prongs . . . . .	5.50
B/-3598 Mathieu's Bone Holding Forceps, with 4 prongs . . . . .	5.50
B/-3603 Ollier's Bone Holding Forceps, lion jaw . . . . .	4.00



B/-3604



B/-3607



B/-3612



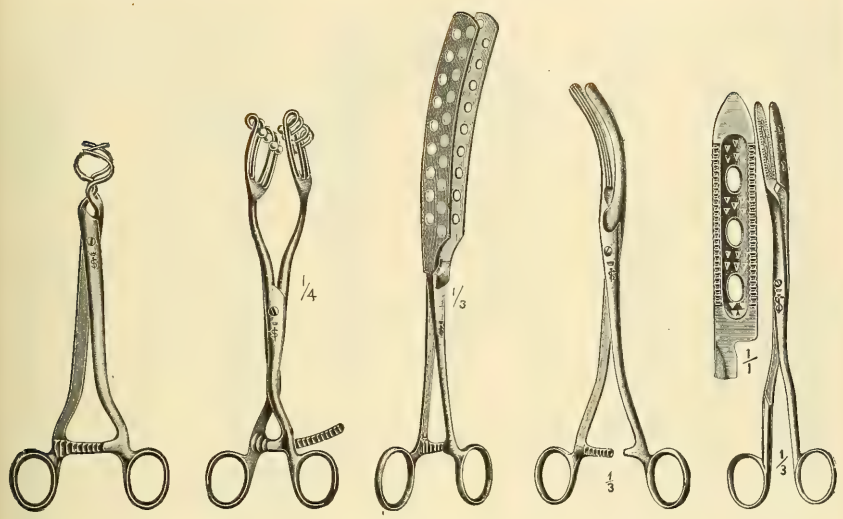
B/-3615

### Bone Forceps

(Continued)

	Each
B/-3604 <b>Ollier's</b> Bone Holding Forceps, with 4 prongs.....	\$ 4.00
B/-3607 <b>Reverdin's</b> Bone Holding Forceps, for astralagus resection.....	5.50
B/-3612 <b>Lister's</b> Bone Forceps, for removing fragments.....	1.50
B/-3615 <b>Post's</b> Toe and Finger Nail Forceps.....	2.25





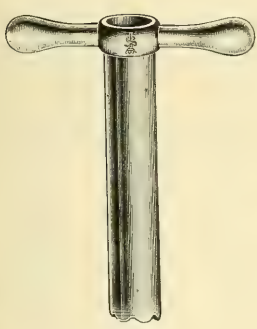
B/-3630

B/-3633

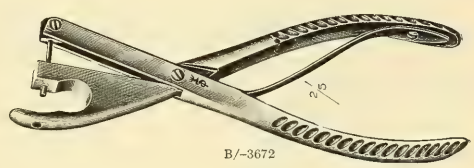
B/-3640

B/-3643

B/-3645



B/-3652



B/-3672



B/-3660

## Thoracic Instruments

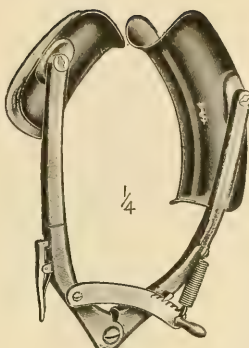
		Each
<b>Forceps</b>		
B/-3630	Friedrich's Forceps, for emptying the lungs.....	\$ 5.75
B/-3633	Friedrich's Forceps, for grasping the lungs.....	9.00
B/-3640	Schumacher's Forceps, for compressing the lungs.....	8.00
B/-3643	Trendelenburg's Forceps, for pulmonalis.....	3.75
B/-3645	Trendelenburg's Forceps, for thrombus.....	4.00
<b>Knives</b>		
B/-3652	Von Eberts' Thoracotomy Knife.....	5.00
<b>Ligature Carriers</b>		
B/-3660	Friedrich's Ligature Carrier.....	1.75
<b>Perforators</b>		
B/-3672	Friedrich's Rib Perforator.....	10.00



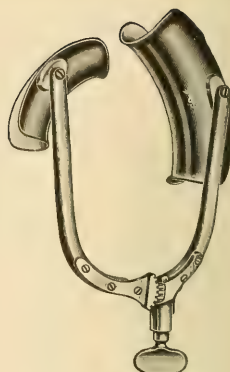
B/-3681



B/-3685



B/-3695



B/-3700



B/-3690

## Thoracic Instruments

(Continued)

### Raspatories

	Each
B/-3681 Doyen's Rib Raspatory or Elevator.....	\$ 2.25
B/-3685 Friedrich's Rib Raspatory, 3 sizes.....	1.75

### Retractors

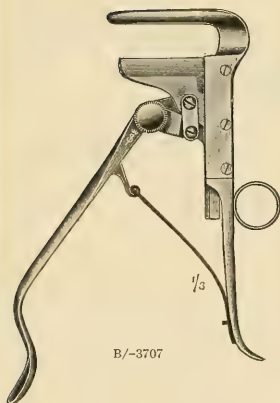
B/-3690 Trendelenburg's Retractor, for the arteria pulmonalis...	2.00
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### Rib Spreaders

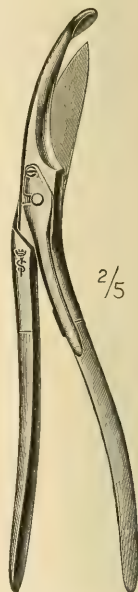
B/-3695 Mikulicz-Friedrich's Rib Spreader.....	20.00
B/-3700 Sauerbruch's Rib Spreader..	16.50

### Rib Shears

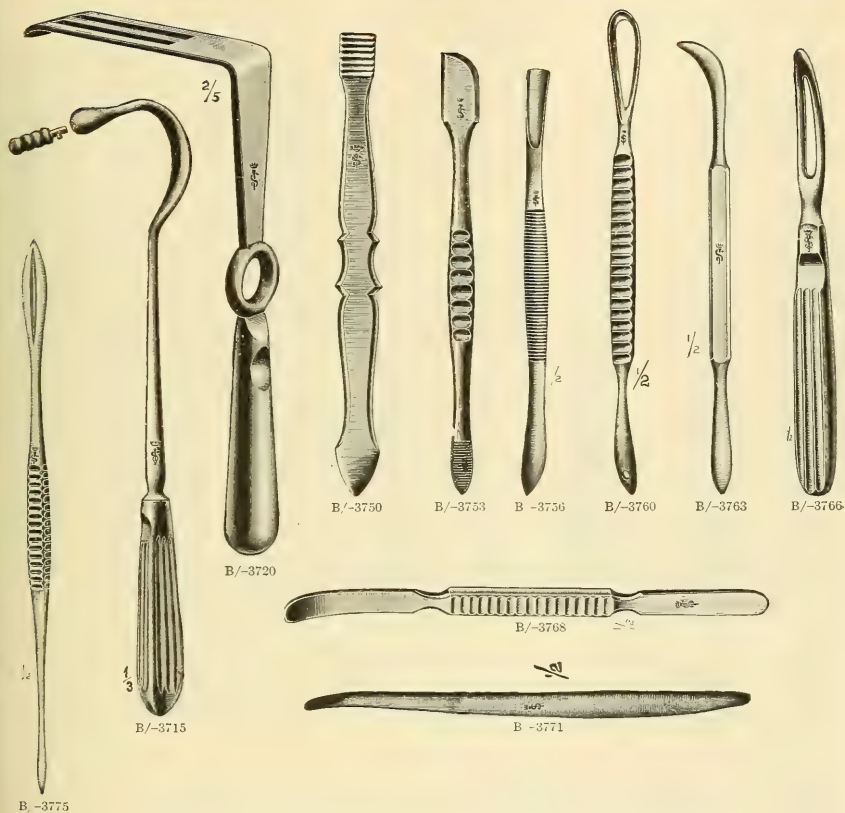
B/-3705 Schumacher's Rib Shears, for cutting transversely....	8.00
B/-3707 Schumacher's Rib Shears, for cutting longitudinally...	18.00



B/-3707



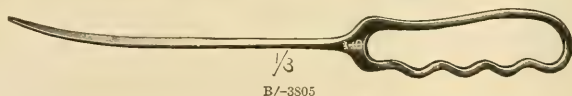
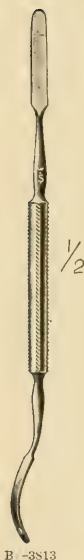
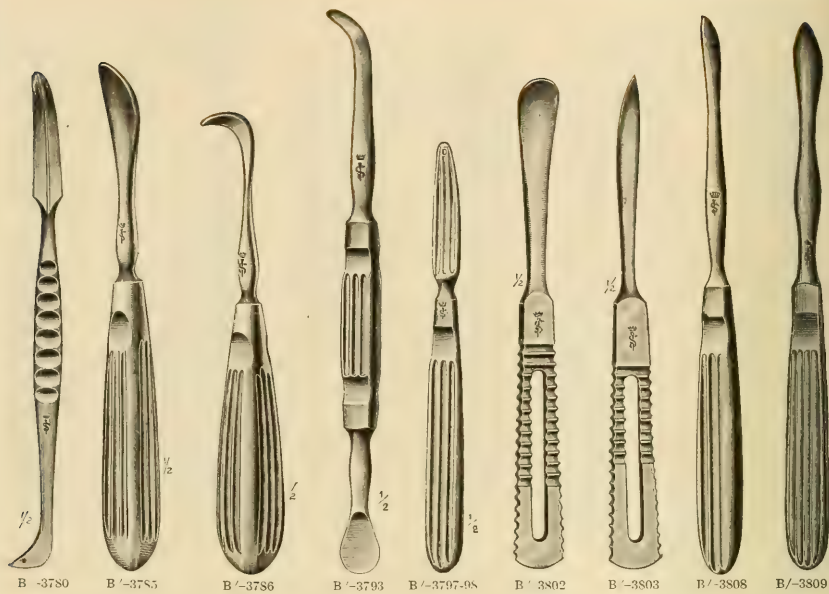
B/-3705



## Thoracic Instruments

(Continued)

Sounds		Each	Spatula		Each
B/-3715	Trendelenburg's Tube Sound.....	\$ 4.00	B/-3720	Sauerbruch's Lung Spatula.....	5.50
Periosteal Elevators					
		Each			Each
B/-3750	Plain Periosteal Elevator, double-ended.....	1.00	B/-3766	Brunner's Dry Dissector, fenestrated blade.....	1.25
B/-3753	Plain Periosteal Elevator, with raspatory.....	.75	B/-3768	Cheyne's Dry Dissector, double-ended blade.....	1.00
B/-3756	Plain Periosteal Elevator, with concave raspatory.....	.75	B/-3771	Crile's Dry Dissector, double-ended blade.....	.75
B/-3760	Adams' Dry Dissector, double-ended \$	1.25	B/-3775	Durham's Dry Dissector, double-ended blade.....	1.00
B/-3763	Allis' Dry Dissector, double-ended..	.50			



### Periosteal Elevators

(Continued)

	Each
B/-3780 Ead's Periosteal Elevator, double-ended.....	\$ 1.50
B/-3785 Goodwillie's Periosteal Elevator, slightly bent.....	1.50
B/-3786 Goodwillie's Periosteal Elevator, strongly bent.....	1.50
B/-3790 Hagedorn's Periosteal Elevator, ring handle.....	1.00
B/-3793 Herczel's Periosteal Elevator, with raspatory.....	1.50
B/-3797 Kocher's Dry Dissector, plain.....	1.00
B/-3798 Kocher's Dry Dissector, with eye.....	1.00
B/-3802 Lane's Periosteal Elevator, broad.....	1.50
B/-3803 Lane's Periosteal Elevator, narrow.....	1.50
B/-3805 Lane's Periosteal Elevator, extra long.....	2.50
B/-3808 Langenbeck's Periosteal Elevator, narrow.....	1.50
B/-3809 Langenbeck's Periosteal Elevator, broad.....	1.50
B/-3813 Macdonald's Periosteal Elevator, double-ended.....	1.25







B/-3817



B/-3821



B/-3839



B/-3843



B/-3855



B/-3857



B/-3862



B/-3866



B/-3870



B/-3859



B/-3846



B/-3835



B/-3825

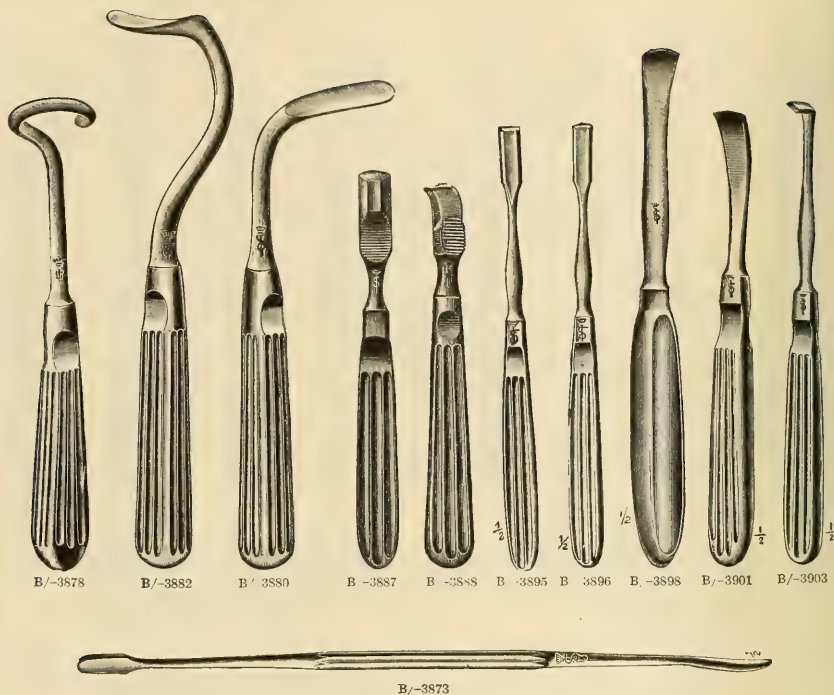
## Periosteal Elevators

(Continued)

	Each
B/-3817 M. G. H. Periosteal Elevators	\$ 1.50
B/-3821 Mathieu's Periosteal Elevators	1.60
B/-3825 Mayo's Periosteal Elevators	1.00
B/-3835 Sands' Periosteal Elevators, with scalpel	1.75
B/-3839 Sayre's Periosteal Elevators	1.00
B/-3843 Trautmann's Periosteal Elevators	1.50
B/-3846 Tuffier's Kidney Elevators	1.50

## Periosteal Raspatories

B/-3855 Plain Periosteal Raspatory, with elevator	1.25
B/-3857 Plain Periosteal Raspatory, with retractor	1.50
B/-3859 Plain Periosteal Raspatory, heavy pattern 9 1/2 inches	3.00
B/-3862 Andrew's Periosteal Raspatory, with retractor	1.25
B/-3866 Ballenger's Periosteal Raspatory, right angle	1.75
B/-3870 Buck's Periosteal Raspatory	1.75



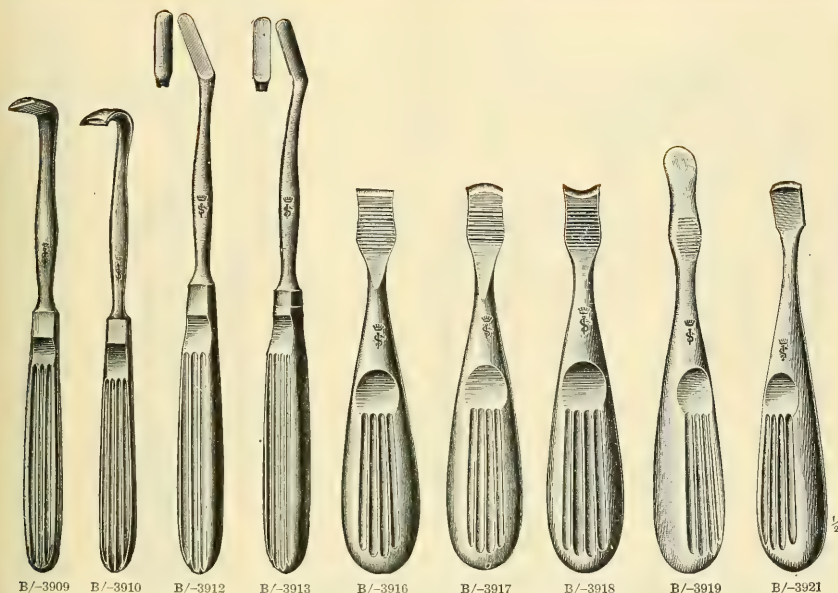
### Periosteal Raspatories

(Continued)



B 3892

	Each
B/-3873 Cholewa's Periosteal Raspatory, with elevator .....	\$ 1.50
B/-3878 Doyen's Periosteal Raspatory, for costal periosteum.....	2.25
B/-3880 Doyen's Periosteal Raspatory, angular.....	2.00
B/-3882 Doyen's Periosteal Raspatory, double curved.....	2.25
B/-3887 Farabeuf's Periosteal Raspatory, straight.....	1.60
B/-3888 Farabeuf's Periosteal Raspatory, curved.....	1.60
B/-3892 Hagedorn's Periosteal Raspatory, ring handle.....	1.00
B/-3895 Hartmann's Periosteal Raspatory, straight edge .....	1.25
B/-3896 Hartmann's Periosteal Raspatory, convex edge.....	1.25
B/-3898 Hopkins Hospital Periosteal Raspatory.....	2.00
B/-3901 Jansen's Periosteal Raspatory, curved.....	1.50
B/-3903 Jansen's Periosteal Raspatory, angular.....	1.50



## Periosteal Raspatories

(Continued)

	Each
B/-3906 <b>Kirmisson's</b> Periosteal Raspatory, heavy handle .....	\$ 2.00
B/-3909 <b>Langenbeck's</b> Periosteal Raspatory, angular .....	1.10
B/-3910 <b>Langenbeck's</b> Periosteal Raspatory, hook shape .....	1.50
B/-3912 <b>Langenbeck's</b> Periosteal Raspatory, obtuse angle, edge inside ..	1.00
B/-3913 <b>Langenbeck's</b> Periosteal Raspatory, obtuse angle, edge outside ..	1.00
B/-3916 <b>Mathieu's</b> Periosteal Raspatory, straight edge .....	1.00
B/-3917 <b>Mathieu's</b> Periosteal Raspatory, convex edge .....	1.00
B/-3918 <b>Mathieu's</b> Periosteal Raspatory, concave edge .....	1.00
B/-3919 <b>Mathieu's</b> Periosteal Raspatory, curved .....	1.50
B/-3921 <b>Mathieu's</b> Periosteal Raspatory, angular .....	1.50
B/-3927 <b>Ollier's</b> Periosteal Raspatory, round edge .....	1.50

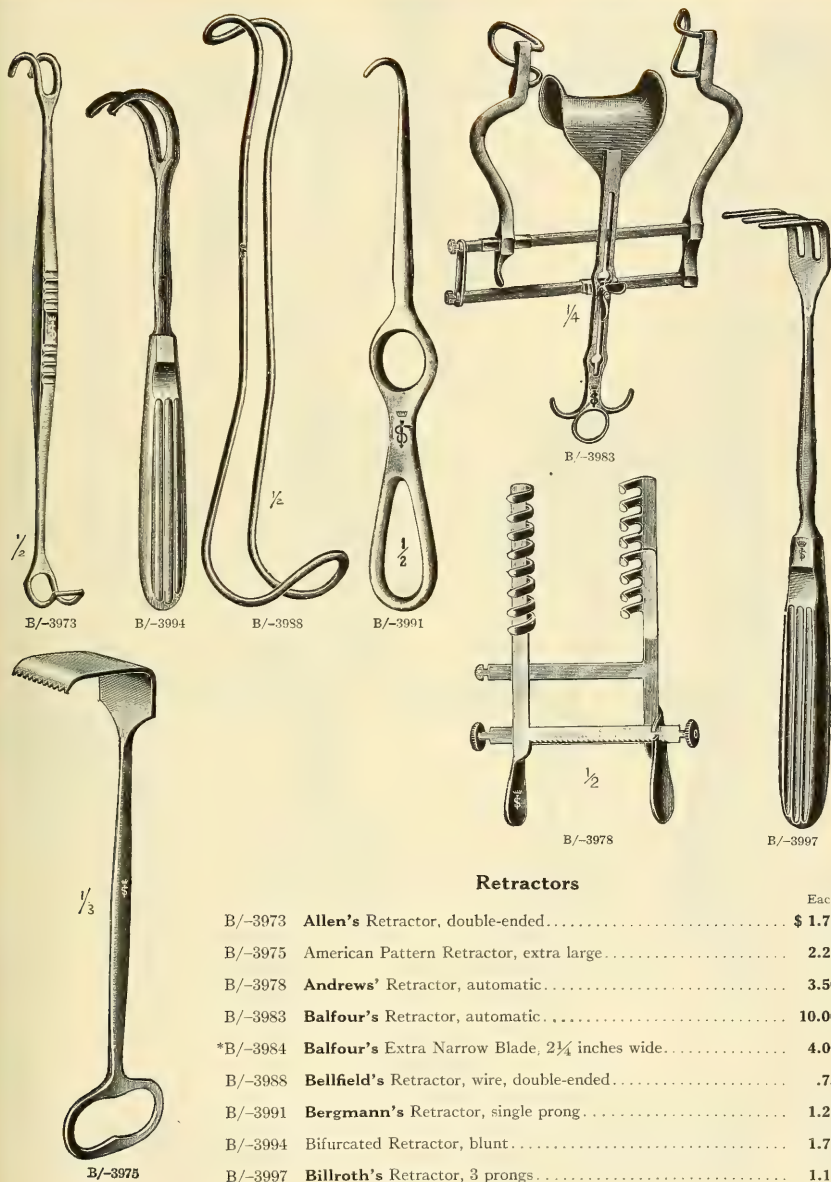


## Periosteal Raspatories

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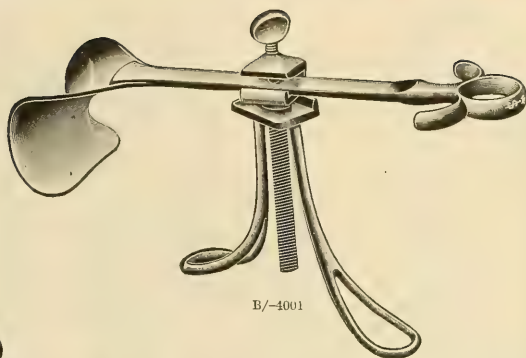
	Each		Each
B/-3928 Ollier's Periosteal Raspatory, knife shape.....	\$ 1.75	B/-3950 Darby's Periosteal Raspatory, combined with Chisel, Elevators and Gouge, fitting on handle.....	\$ 4.75
B/-3936 Sayre's Periosteal Raspatory, double-ended.....	1.00		
B/-3939 Sedillot's Periosteal Raspatory.....	1.35	B/-3955 Bone File, short.....	1.50
B/-3945 Trelat's Periosteal Raspatory, angular.....	1.50	B/-3957 Bone File, long.....	1.75





### Retractors

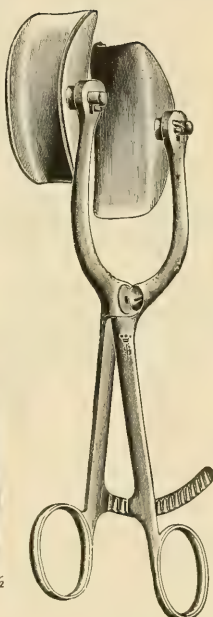
	Each
B/-3973 Allen's Retractor, double-ended.....	\$ 1.75
B/-3975 American Pattern Retractor, extra large.....	2.25
B/-3978 Andrews' Retractor, automatic.....	3.50
B/-3983 Balfour's Retractor, automatic.....	10.00
*B/-3984 Balfour's Extra Narrow Blade, 2 1/4 inches wide.....	4.00
B/-3988 Bellfield's Retractor, wire, double-ended.....	.75
B/-3991 Bergmann's Retractor, single prong.....	1.25
B/-3994 Bifurcated Retractor, blunt.....	1.75
B/-3997 Billroth's Retractor, 3 prongs.....	1.15



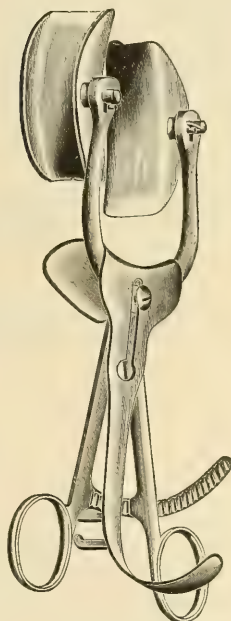
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L 4005



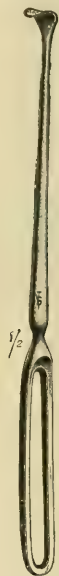
B 4007



B -4008



B/-4009

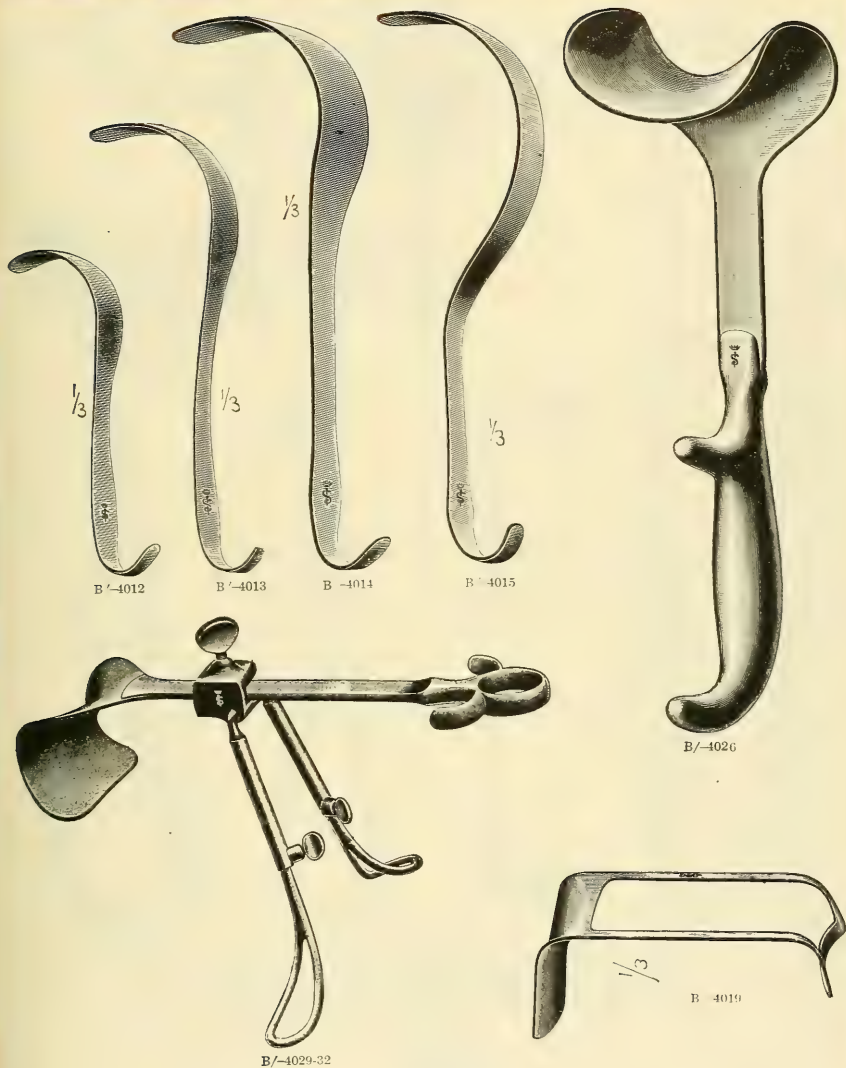


B/-4010

## Retractors

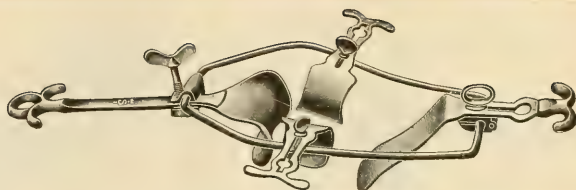
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B/-4001	Child's Support, for Doyen's Blades B/-4030 to B/-4032.....	Each
B/-4005	Collin's Retractor, 4 sizes, 1, 1½, 1¾ and 2¼ inches wide.....	9.00
B/-4007	Collin's Retractor, automatic, 2 bladed.....	3.75
B/-4008	Collin's Retractor, automatic, 3 bladed.....	7.50
B/-4009	Cushing's Brain Retractor.....	9.00
B/-4010	Cushing's Vein Retractor.....	2.25
		1.50



### Retractors (Continued)

	Each		Each
B/-4012 Deaver's Retractor, short, 1 inch wide.....	\$ 1.00	B/-4026 Doyen's Retractor, large.....	\$ 3.25
B/-4013 Deaver's Retractor, long, 1 inch wide.....	1.00	B/-4029 Doyen's Support, modified by Boldt.....	7.50
B/-4014 Deaver's Retractor, extra long, 2 inches wide.....	1.10	B/-4030 Doyen's Blade, small, 3 1/8 inches wide.....	5.00
B/-4015 Deaver's Retractor, extra long, 1 inch wide.....	1.00	B/-4031 Doyen's Blade, medium, 3 1/4 inches wide.....	5.00
B/-4019 Desjardins' Retractor, for the liver.....	5.00	B/-4032 Doyen's Blade, large, 3 3/4 inches wide.....	5.00



B/-4038



B/-4035



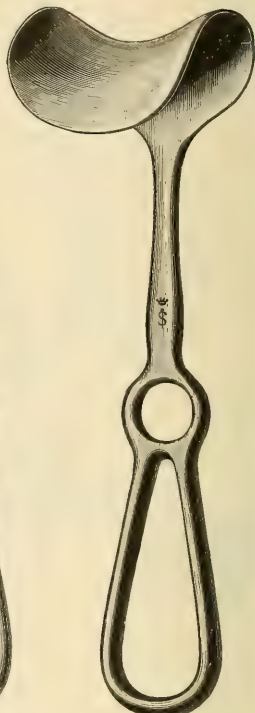
B/-4045



B/-4059



B/-4053



B/-4054



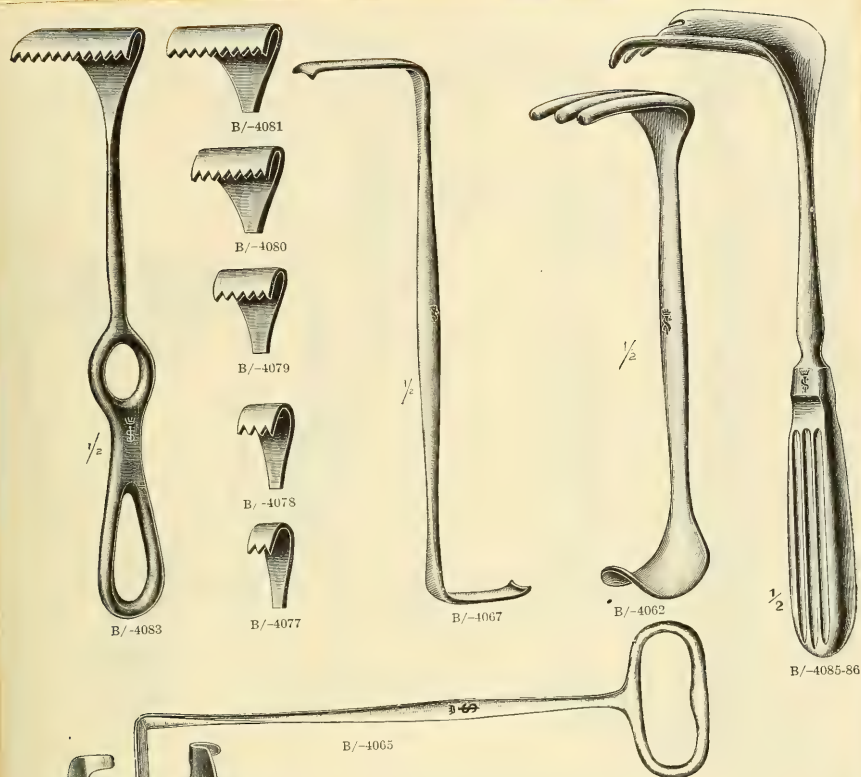
B/-4042

### Retractors

(Continued)

	Each		Each
B/-4035 Durham's Retractor.....	\$ 1.75	B/-4045 Forwood's Retractor, set of 2 nested.....	\$ 2.25
B/-4038 Faure and Coryllas' Retractor adjustable with intestinal guard.....	22.50	B/-4053 Fritsch's Retractor, narrow.....	1.75
B/-4042 Flexible Retractor, flexible copper, silver-plated, 4 sizes, 1, 1¼, 1½ and 2 inches wide.....	1.00	B/-4054 Fritsch's Retractor, wide.....	2.50
		B/-4059 Goelet's Retractor, double-ended...	2.25

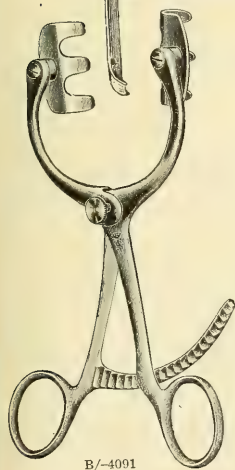


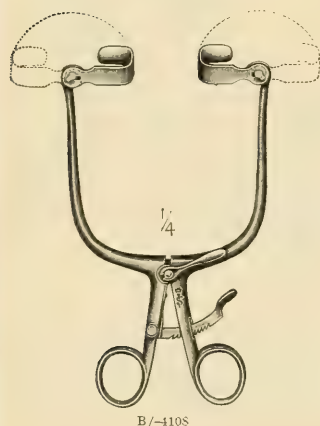
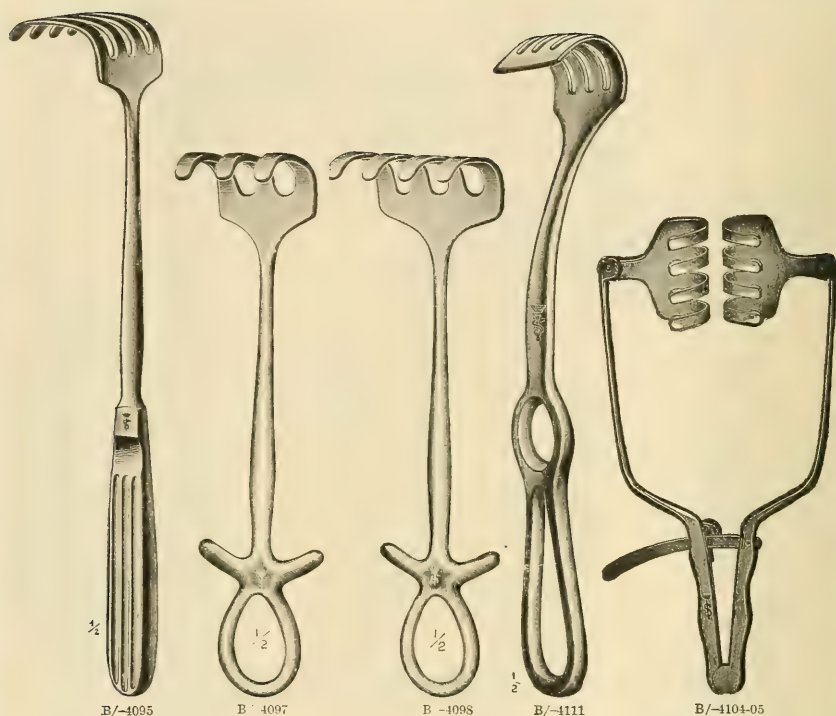


## Retractors

(Continued)

	Each
B/-4062 Guiteras' Retractor, double-ended.....	\$ 2.50
B/-4065 Hagedorn's Retractor, ring handle.....	2.00
B/-4067 Hagedorn's Retractor, double-ended.....	2.00
B/-4077 Halstead's Retractor, 3 prongs.....	1.25
B/-4078 Halstead's Retractor, 4 prongs.....	1.25
B/-4079 Halstead's Retractor, 6 prongs.....	1.35
B/-4080 Halstead's Retractor, 8 prongs.....	1.50
B/-4081 Halstead's Retractor, 10 prongs.....	1.75
B/-4083 Halstead's Retractor, 12 prongs.....	2.00
B/-4085 Halstead's Retractor, large, with blunt prongs.....	3.50
B/-4086 Halstead's Retractor, large, with sharp prongs.....	3.50
B/-4091 Houzel's Retractor, automatic, scissor handles.....	5.50





## Retractors

(Continued)

	Each
B/-4095 <b>Israel's Retractor</b> , with 4 prongs.....	\$ 2.25
B/-4097 <b>Israel's Retractor</b> , large, with 3 prongs .....	2.50
B/-4098 <b>Israel's Retractor</b> , large, with 4 prongs .....	2.50
B/-4104 <b>Kelly's Retractor</b> , automatic, large .....	6.00
B/-4105 <b>Kelly's Retractor</b> , automatic, small .....	6.00
B/-4108 <b>Kelly-Simpson's Retractor</b> , automatic, scissor handles.....	6.50
B/-4111 <b>Kocher's Retractor</b> , for laparotomy .....	3.00



B/-4114



B/-4117



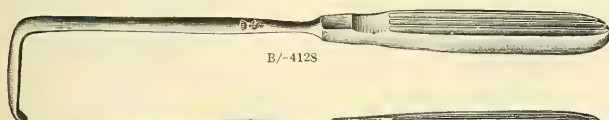
B/-4119 and 4121



B/-4120 and 4122



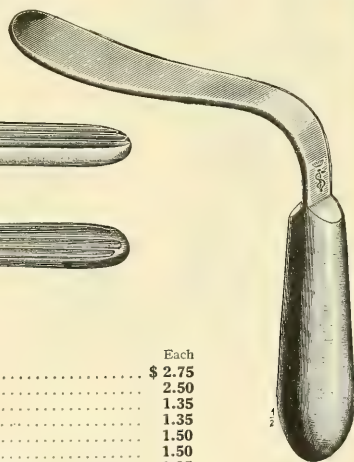
B/-4126



B/-4128



B/-4129

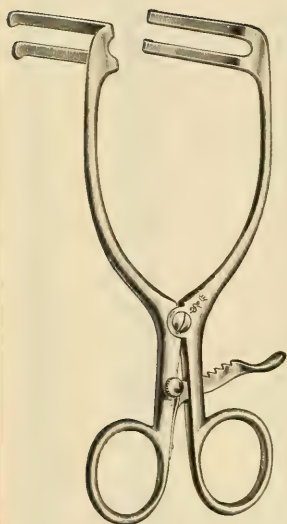


B/-4133

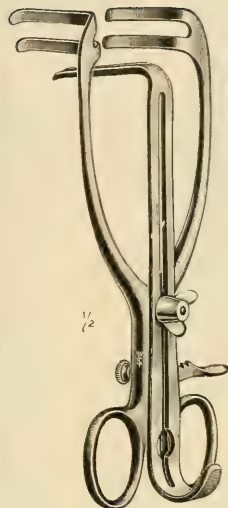
## Retractors

(Continued)

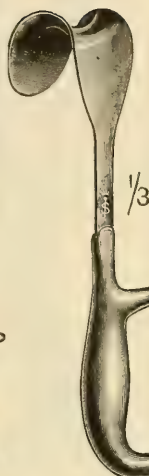
	Each
B/-4114 Koerte's Retractor, with 8 prongs.....	\$ 2.75
B/-4117 Lange's Retractor, double bent.....	2.50
B/-4119 Lange's Retractor, with prongs, $8\frac{1}{4}$ inches.....	1.35
B/-4120 Lange's Retractor, without prongs, $8\frac{1}{4}$ inches.....	1.35
B/-4121 Lange's Retractor, with prongs, 10 inches.....	1.50
B/-4122 Lange's Retractor, without prongs, 10 inches.....	1.50
B/-4126 Langenbeck's Retractor, 3 sizes, $\frac{3}{8}$ , $\frac{1}{2}$ and $\frac{3}{4}$ inch wide.....	1.25
B/-4128 Langenbeck's Retractor, for hip joint resection.....	1.50
B/-4129 Langenbeck's Retractor, sharp pointed.....	1.50
B/-4133 Legueu's Retractor, for nephrectomy.....	2.25



B/-4151



B/-4152



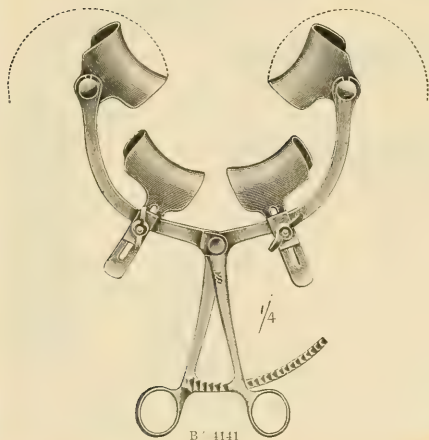
B/-4149



B/-4145



B/-4137



B/-4141

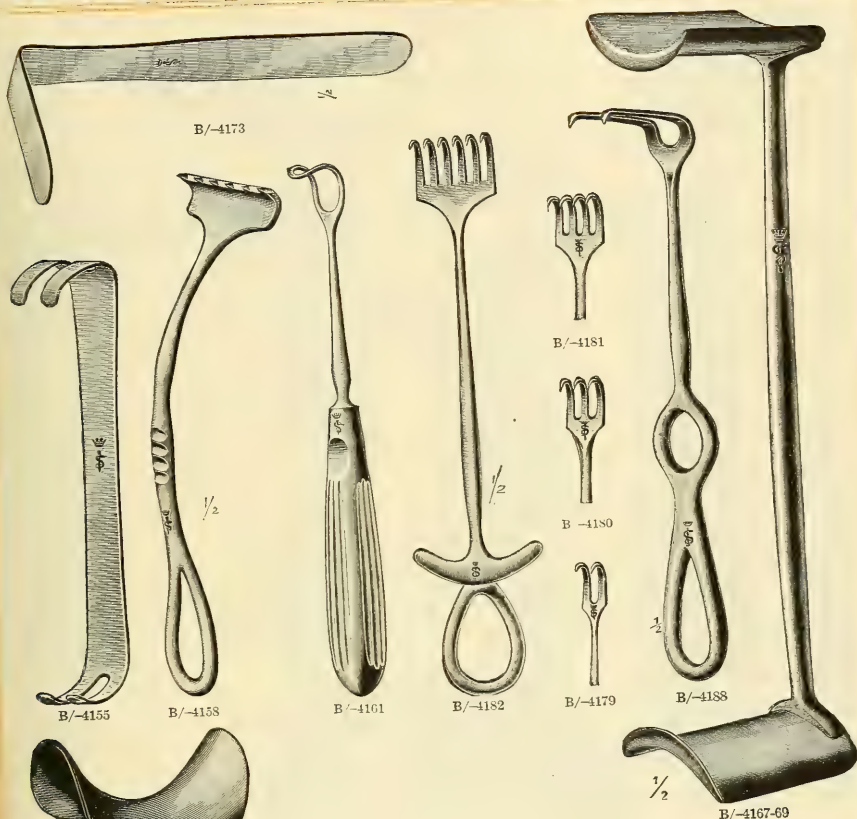
## Retractors

(Continued)

Each

- |         |   |         |
|---------|---|---------|
| B/-4137 | Little's Retractor, solid blade                         | \$ 1.50 |
| B/-4141 | Logotheopoulis' Retractor, scissor handles, 4 blades... | 18.00   |
| B/-4145 | Mathieu's Retractor, double-ended.....                  | 2.25    |
| B/-4149 | Mayo's Retractor, wide blade                            | 2.75    |
| B/-4151 | Mayo-Adams' Retractor, for appendectomy, 2 blades....   | 4.50    |
| B/-4152 | Mayo-Adams' Retractor, for appendectomy, 3 blades....   | 5.50    |

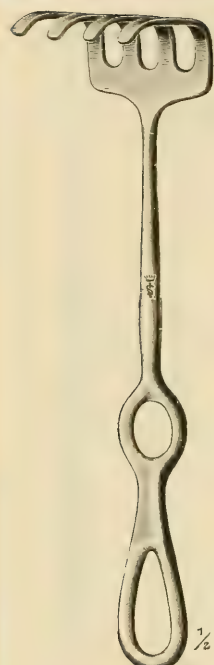




## Retractors

(Continued)

	Each
B/-4155 Mayo-Collin's Retractor, set of 2 nested	\$ 1.10
B/-4158 McBurney's Retractor, for skin grafting	2.50
B/-4161 Middeldorpf's Retractor, 3 sizes, $\frac{1}{8}$ , $\frac{1}{4}$ and $1\frac{1}{8}$ inches wide	2.00
B/-4165 Monprofit's Retractor, with adjustable vaginal support	8.50
B/-4167 Morris' Retractor, double-ended, blades $1\frac{1}{4} \times 1\frac{1}{2}$ inches	4.25
B/-4168 Morris' Retractor, double-ended, blades $1\frac{1}{4} \times 2$ inches	4.25
B/-4169 Morris' Retractor, double-ended, blades $2\frac{1}{4} \times 2\frac{1}{2}$ inches	4.50
B/-4173 Mott's Retractor, angular, set of 2	.75
B/-4179 Murphy's Retractor, 2 prongs, sharp or blunt	1.10
B/-4180 Murphy's Retractor, 3 prongs, sharp or blunt	1.25
B/-4181 Murphy's Retractor, 4 prongs, sharp or blunt	1.35
B/-4182 Murphy's Retractor, 6 prongs, sharp or blunt	1.65
B/-4188 Ollier's Retractor, with 2 prongs	1.75



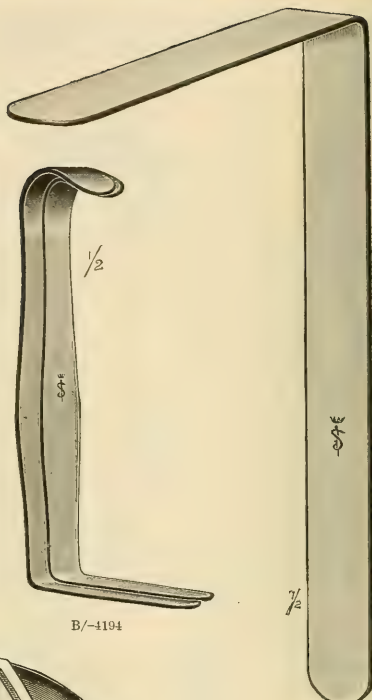
B/-4180



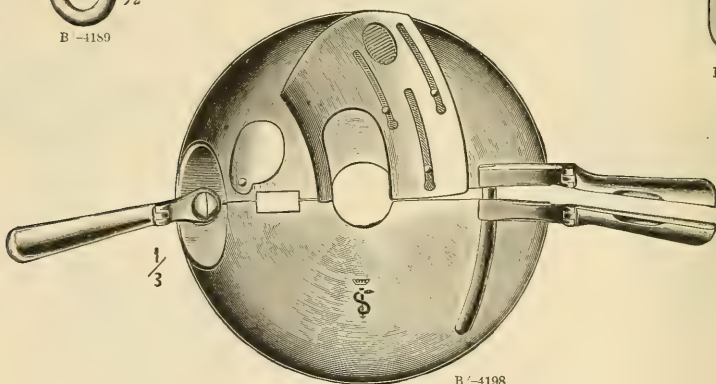
B/-4193



B/-4194



B/-4202



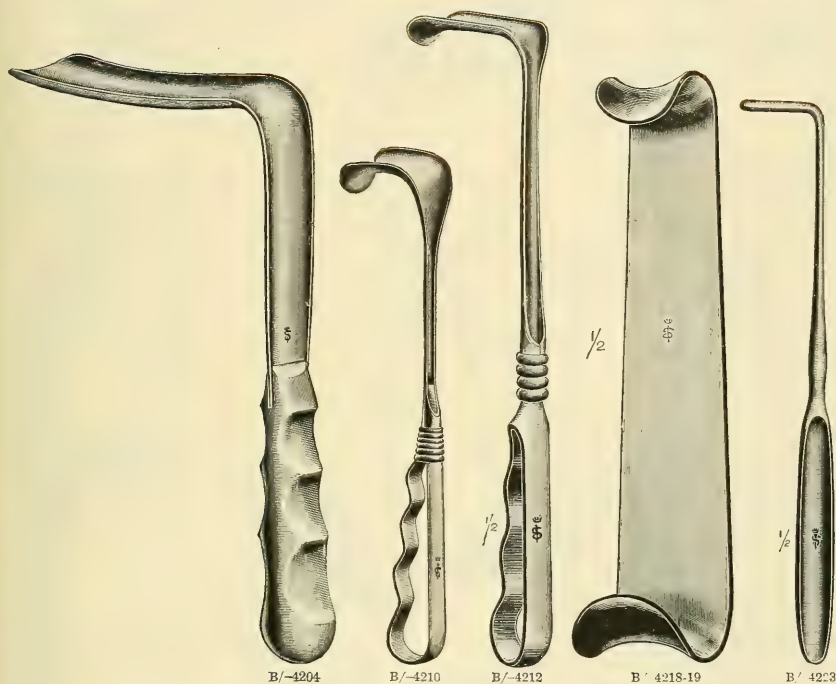
B/-4198

### Retractors

(Continued)

Each

B/-4180	Ollier's Retractor, with 4 prongs...	\$ 2.00	B/-4198	Percy's Retractor, for amputation of the leg, for either above or below the knee	\$ 17.50	Each
B/-4193	Parker's Retractor, double-ended, set of 2	.50				
B/-4194	Parker-Mott's Retractor, double-ended, set of 2	.75	B/-4202	Polyclinic Retractor, rectangular	1.00	



### Retractors

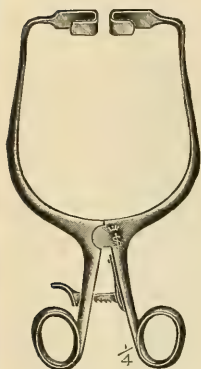
(Continued)

	Each
B/-4204 Polyclinic Retractor.....	\$ 4.00
B/-4210 Richardson's Retractor, 3 sizes, 1x $\frac{3}{4}$ , 1 $\frac{1}{2}$ x1 $\frac{1}{8}$ , 1 $\frac{3}{4}$ x1 $\frac{1}{2}$ inches.....	1.65
B/-4212 Richardson's Retractor, long blade, for appendectomy.....	1.75
B/-4218 Roux's Retractor, double-ended, blade $\frac{7}{8}$ and 1 $\frac{1}{2}$ inches wide.....	2.00
B/-4219 Roux's Retractor, double-ended, blade, 1 $\frac{3}{8}$ and 1 $\frac{1}{8}$ inches wide.....	2.25
B/-4223 Rust's Retractor, round blade for hernia.....	1.25

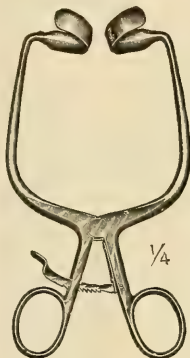


B/-4246

$\frac{1}{2}$

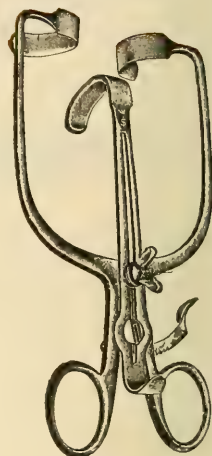


B/-4229

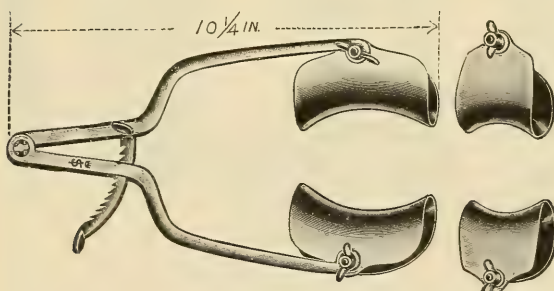


B/-4233

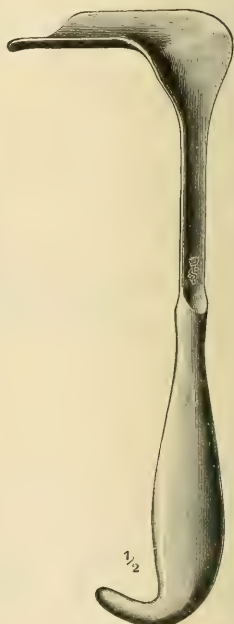
$\frac{1}{4}$



B/-4231



B/-4240



B/-4245

$\frac{1}{2}$

## Retractors

(Continued)

	Each
B/-4229 Simpson's Retractors, self-retaining .....	\$ 6.00
B/-4231 Simpson-Collin's Retractors, self-retaining, 3 bladed..	8.00
B/-4233 Simpson-Mayo's Retractors, self-retaining, bent blades	6.00
B/-4240 Sturmdorf's Retractors, self-retaining, with 2 sets blades.....	11.50
B/-4245 Tuffier's Retractors, large blade.....	3.75
B/-4246 Tuffier's Retractors, for nephrectomy.....	.75





B/-4253



B/-4252



B/-4251



B/-4250



B/-4261



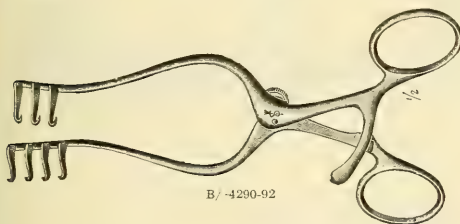
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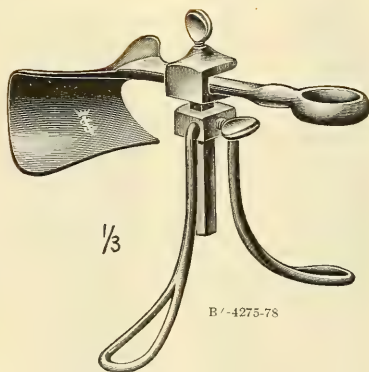
B 4259



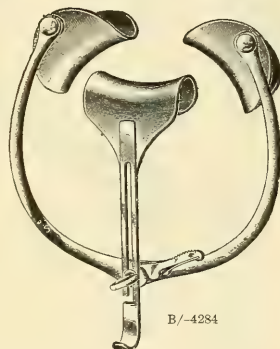
B/-4258



B/-4290-92



B/-4275-78



B/-4284

## Retractors

(Continued)

	Each		Each
B/-4250 Volkmann's Retractors, hollow handle, 2 prongs, sharp or blunt.....	\$ 1.35	B/-4261 Volkmann's Retractors, ring handle, 6 prongs, sharp or blunt.....	\$ 1.35
B/-4251 Volkmann's Retractors, hollow handle, 3 prongs, sharp or blunt.....	1.50	B/-4275 Ward's Support.....	6.00
B/-4252 Volkmann's Retractors, hollow handle, 4 prongs, sharp or blunt.....	1.50	B/-4276 Ward's Blade, small, 3½ inches wide.....	4.50
B/-4253 Volkmann's Retractors, hollow handle, 6 prongs, sharp or blunt.....	1.75	B/-4277 Ward's Blade, medium, 3½ inches wide.....	4.50
B/-4258 Volkmann's Retractors, ring handle, 2 prongs, sharp or blunt.....	.90	B/-4278 Ward's Blade, large, 3½ inches wide.....	4.50
B/-4259 Volkmann's Retractors, ring handle, 3 prongs, sharp or blunt.....	1.00	B/-4284 Webster's Retractor, self-retaining, 3 bladed.....	10.00
B/-4260 Volkmann's Retractors, ring handle, 4 prongs, sharp or blunt.....	1.10	B/-4290 Weitlaner's Retractor, self-retaining, 5¼ inches.....	2.00
		B/-4291 Weitlaner's Retractor, self-retaining, 6½ inches.....	2.75
		B/-4292 Weitlaner's Retractor, self-retaining, 9½ inches.....	3.60



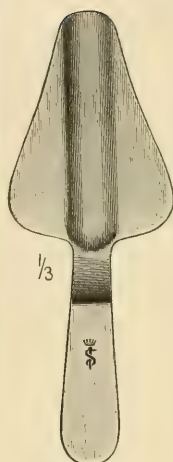
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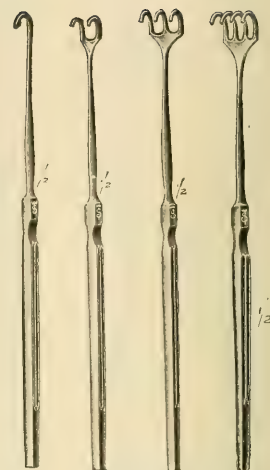
B/-4309



B/-4320



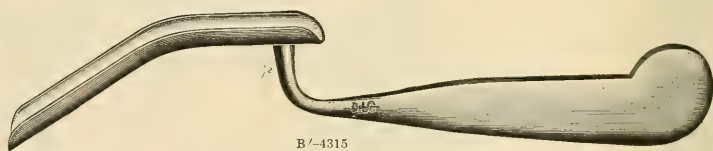
B/-4325



B/-4335 B/-4336 B/-4337 B/-4338



B/-4342



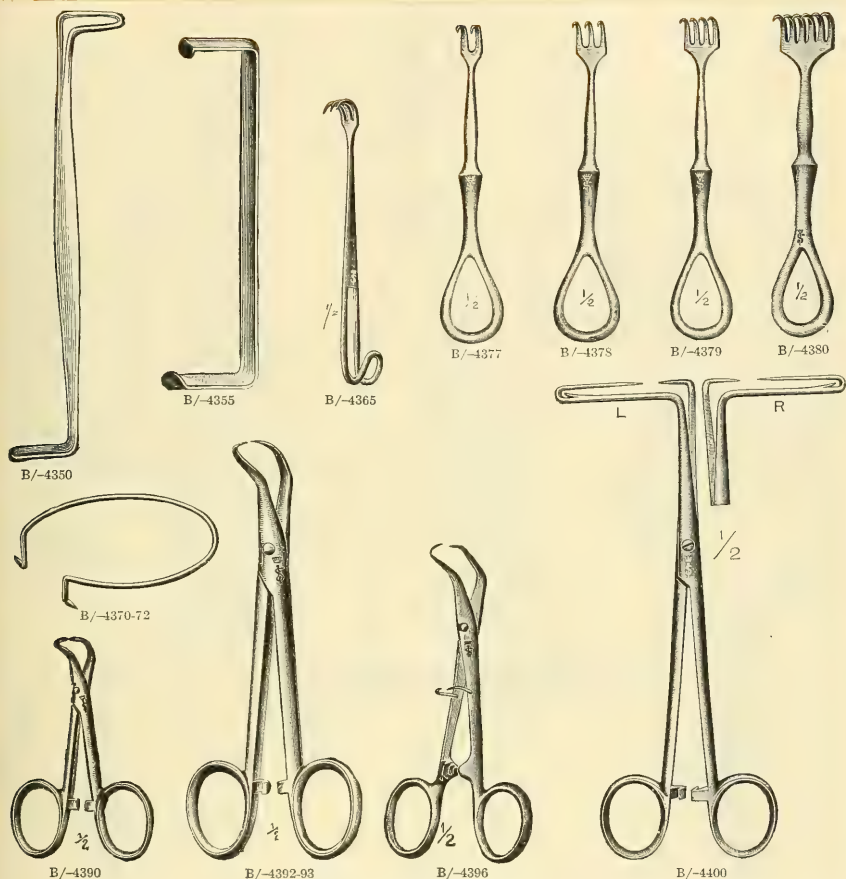
B/-4315

### Abdominal Spatulas

	Each
B/-4305 Beck's Abdominal Spatula.....	\$ 1.75
B/-4309 Glass' Abdominal Spatula.....	4.00
B/-4315 Polyclinic Abdominal Spatula.....	3.25
B/-4320 Reverdin's Abdominal Spatula.....	2.00
B/-4325 Silbermark's Abdominal Spatula.....	2.00

### Retractors, Smaller Size

B/-4335 Plain Retractor, 1 prong, sharp or blunt.....	.80
B/-4336 Plain Retractor, 2 prongs, sharp or blunt.....	.90
B/-4337 Plain Retractor, 3 prongs, sharp or blunt.....	1.00
B/-4338 Plain Retractor, 4 prongs, sharp or blunt.....	1.25
B/-4342 Buck's Retractor, with 4 prongs.....	1.75



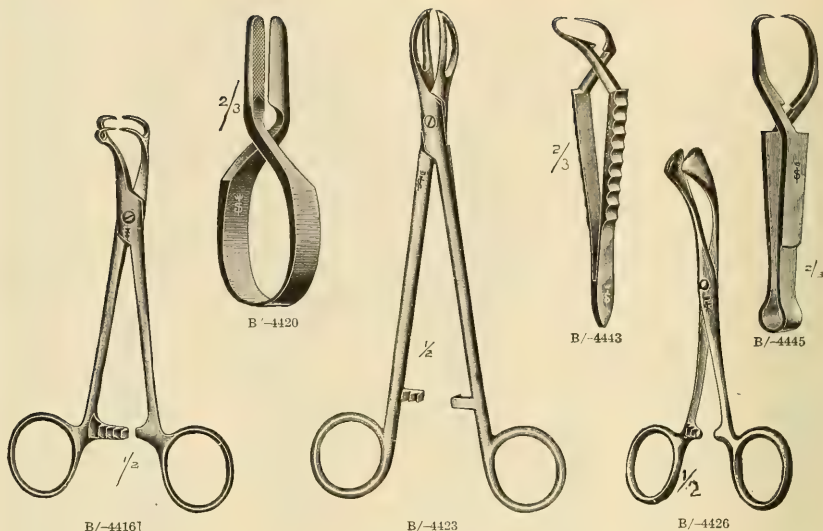
### Retractors, Smaller Size

(Continued)

	Each
B/-4350 Double-ended Retractor, solid and fenestrated blades.....	\$ .90
B/-4355 Farabeuf's Retractor, double-ended, set of 2.....	1.00
B/-4365 Senn's Retractor, double-ended.....	.70
B/-4370 Thomas' Retractor, wire, self-retaining, small.....	.60
B/-4371 Thomas' Retractor, wire, self-retaining, medium.....	.65
B/-4372 Thomas' Retractor, wire, self-retaining, large.....	.75
B/-4377 Volkmann's Retractor, 2 prongs, sharp.....	.90
B/-4378 Volkmann's Retractor, 3 prongs, sharp.....	1.00
B/-4379 Volkmann's Retractor, 4 prongs, sharp.....	1.10
B/-4380 Volkmann's Retractor, 6 prongs, sharp.....	1.35

### Towel Clamps

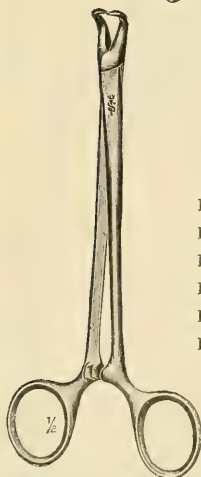
B/-4390 Backhaus' Towel Clamps, small, 3 inches.....	.75
B/-4392 Backhaus' Towel Clamps, large, 5 1/4 inches.....	1.00
B/-4393 Backhaus' Towel Clamps, large, 5 1/4 inches, box (mortise) joint.....	1.50
B/-4396 Backhaus' Towel Clamps, with 2 sets of prongs.....	1.50
B/-4400 Berry's Towel Clamps, right and left.....	3.00



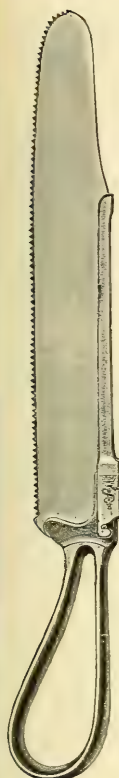
### Towel Clamps

(Continued)

	Each
B/-4408 Doyen's Towel Clamps, cross-action . . .	\$ 2.75
B/-4416 Jackson's Towel Clamps . . . . .	2.50
B/-4420 Kutill's Towel Clamps . . . . .	1.75
B/-4423 Lane's Towel Clamp . . . . .	3.25
B/-4426 Mikulicz's Towel Clamps . . . . .	2.00
B/-4435 Moynihan's Towel Clamps, single prongs . . . . .	2.00
B/-4436 Moynihan's Towel Clamps, double prongs . . . . .	2.50
B/-4443 Schaedel's Towel Clamps, steel . . . . .	1.00
B/-4445 Schaedel's Towel Clamps, nickelin, non-corrosive . . . . .	1.25



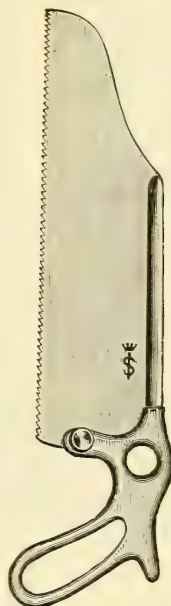




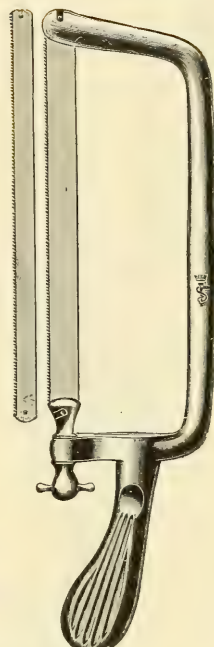
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B/-4485



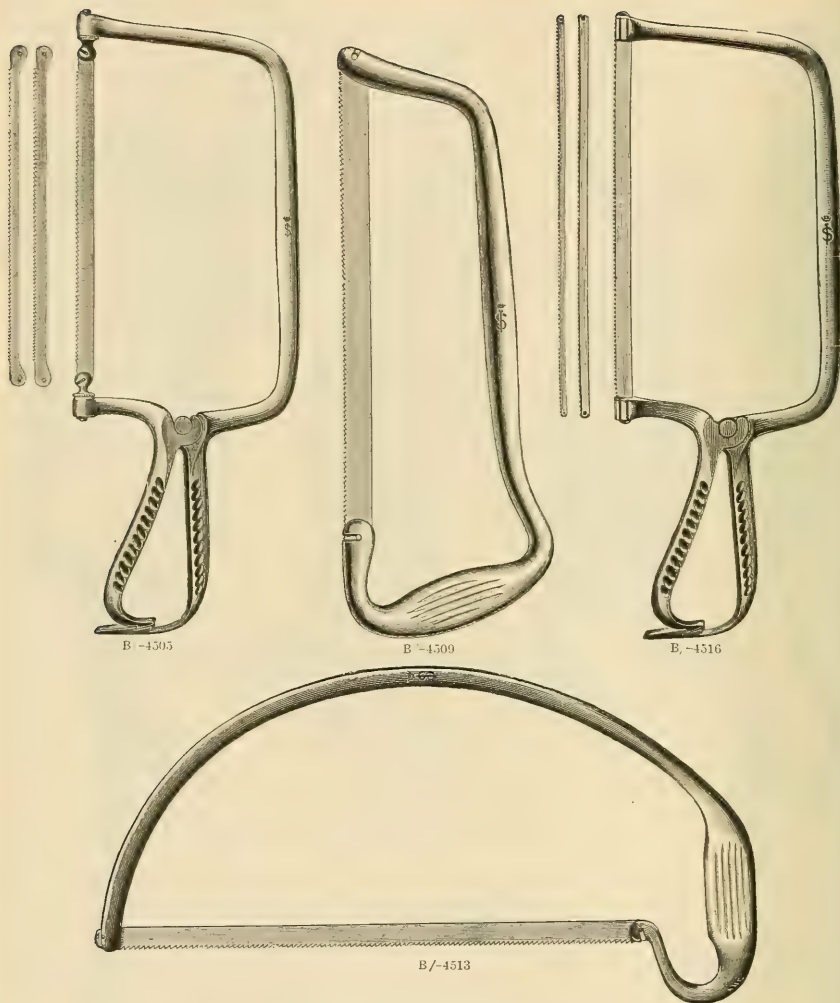
B -4489-90



B 4500-02

### Amputating Saws

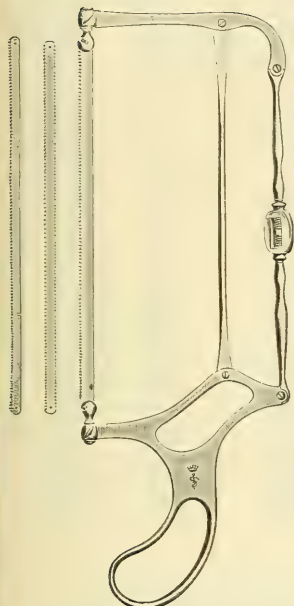
	Each		Each
B/-4475 Charriere's Blade Saw, blade $4\frac{1}{2}$ inches.....	\$ 1.50	B/-4489 Satterlee's Blade Saw, blade $11\frac{1}{4}$ inches.....	\$ 2.50
B/-4476 Charriere's Blade Saw, blade 7 inches.....	1.75	B/-4490 Satterlee's Blade Saw, blade $12\frac{1}{2}$ inches.....	3.50
B/-4477 Charriere's Blade Saw, blade $8\frac{1}{4}$ inches.....	2.00	B -4500 Charriere's Bow Saw, with two $7\frac{1}{2}$ inch blades.....	4.75
B/-4479 Charriere's Blade Saw, blade $9\frac{1}{4}$ inches.....	2.25	B/-4501 Charriere's Bow Saw, with two $8\frac{3}{4}$ inch blades.....	5.00
B/-4485 Parker's Blade Saw.....	2.75	B/-4502 Charriere's Bow Saw, with two 10 inch blades.....	5.75



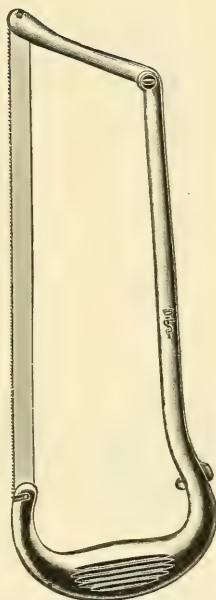
### Amputating Saws

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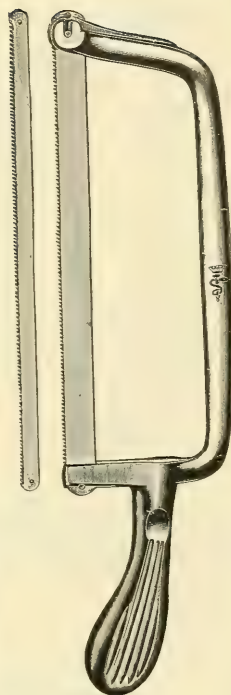
	Each
B/-4505 Farabeuf's Bone Saw.....	\$ 9.00
B/-4509 Gutsch's Bone Saw.....	5.00
B/-4513 Helferich's Bone Saw.....	5.25
B/-4516 Mathieu's Bone Saw, with 3 blades.....	8.50



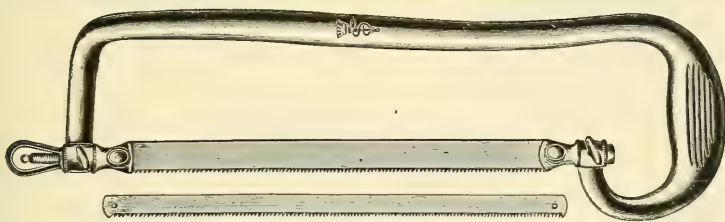
B/-4518



B/-4522



B/-4526-27

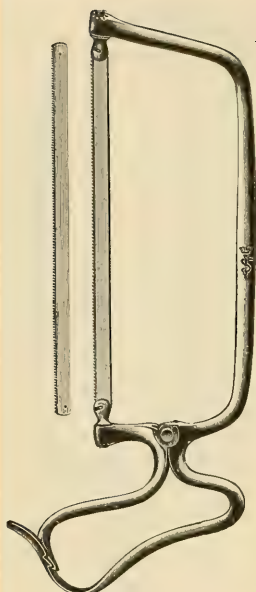


B/-4530

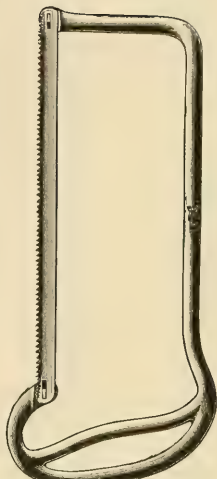
### Amputating Saws

(Continued)

	Each
B/-4518 Maw's Bone Saw, articulated, with 3 blades.....	\$10.50
B/-4522 Nyrop's Bone Saw .....	5.50
B/-4526 Reiner's Bone Saw, with 7 $\frac{3}{4}$ inch blade.....	5.25
B/-4527 Reiner's Bone Saw, with 9 inch blade.....	6.50
B/-4530 Rust's Bone Saw, with 2 blades.....	7.50



B/-4535



B/-4536



B/-4540



B/-4545



B/-4547



B/-4560

### Amputating Saws

(Continued)

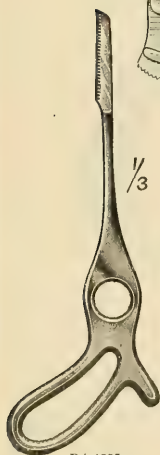
	Each
B/-4535 Windler's Bow Saw .....	\$ 10.00
B/-4536 Windler's Bow Saw, plain pattern .....	4.00

### Metacarpal Saws

B/-4540 Bruns' Metacarpal Saw .....	1.50
B/-4545 Langenbeck's Metacarpal Saw, plain .....	1.25
B/-4547 Langenbeck's Metacarpal Saw, with lifting back .....	1.75

### Exsection Saws

B/-4555 Adams' Exsection Saw .....	2.75
B/-4560 Doyen's Exsection Saw, with graduated guard for skull work .....	6.50

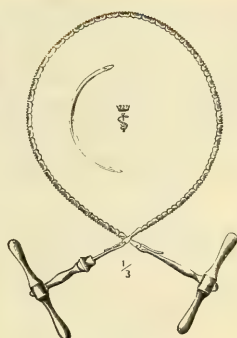


B/-4555





B/-4565



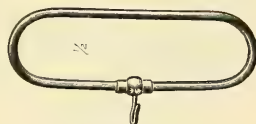
B/-4568



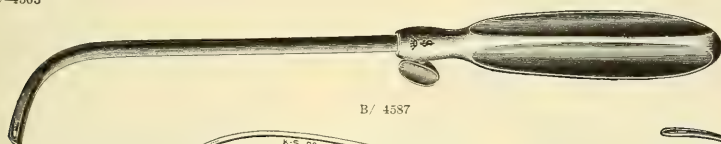
B/-4570-72



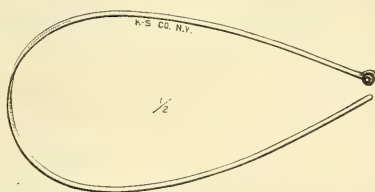
B/-4575



B/-4577



B/ 4587



B/-4581



B/-4590

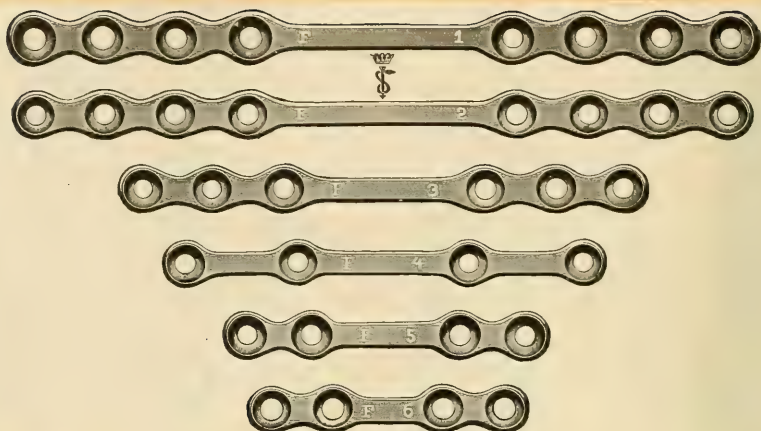


B/-4583

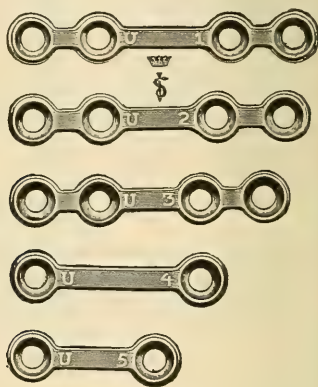
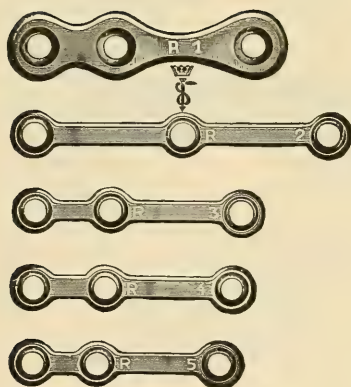
## Exsection Saws

(Continued)

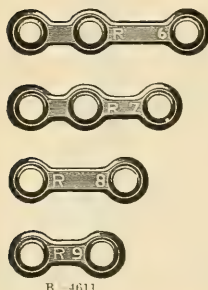
	Each
B/-4565 <b>Hey's</b> Exsection Saw, for cranial work.....	\$ 1.50
B/-4568 <b>Jeffrey's</b> Chain Saw, with handles.....	6.00
B/-4570 <b>Gigli's</b> Wire Saw, 12 inches.....	.25
B/-4571 <b>Gigli's</b> Wire Saw, 20 inches.....	.40
B/-4572 <b>Gigli's</b> Wire Saw, 30 inches.....	.50
B/-4575 Handles for Gigli's Saws, solid..... pair	1.00
B/-4577 Handles for Gigli's Saws, loop..... pair	.60
B/-4581 Plain Conductor, for Gigli's Wire Saws.....	.40
B/-4583 Plain Conductor, for Jeffrey's Chain Saws.....	1.50
B/-4587 <b>Ollier's</b> Conductor, for Jeffrey's Chain Saws.....	3.50
B/-4590 <b>Payr's</b> Conductor, for Gigli's Wire Saws.....	3.00



B/-4609



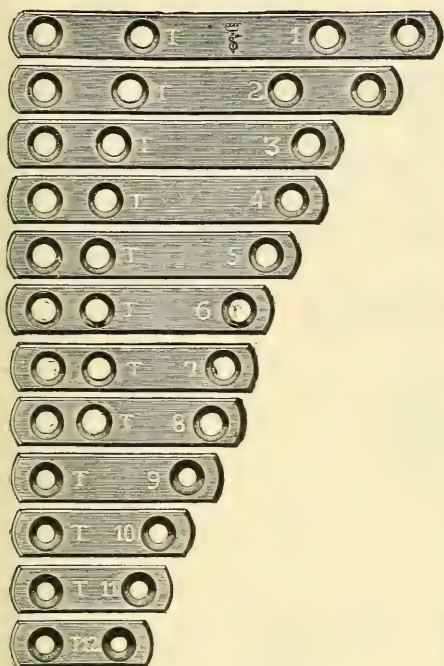
B/-4613



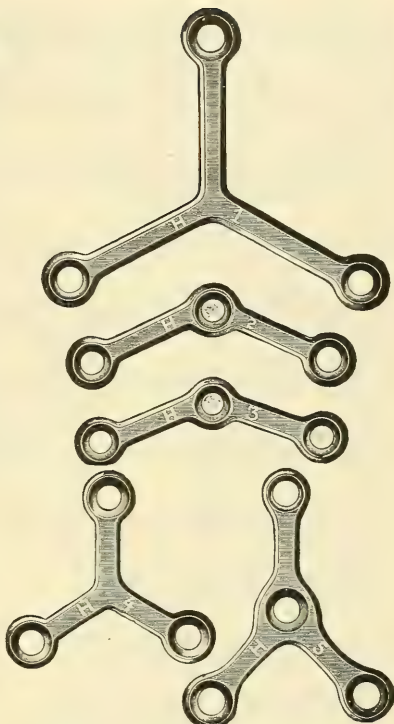
B -4611

### Bone Plates

	Each
B/-4609 Lane's Bone Plate, steel, for femur, 6 sizes.....	\$ .50
B/-4611 Lane's Bone Plate, steel, for radius, 9 sizes.....	.50
B/-4613 Lane's Bone Plate, steel, for ulna, 5 sizes.....	.50



B/-4615



B -4617



B/-4621

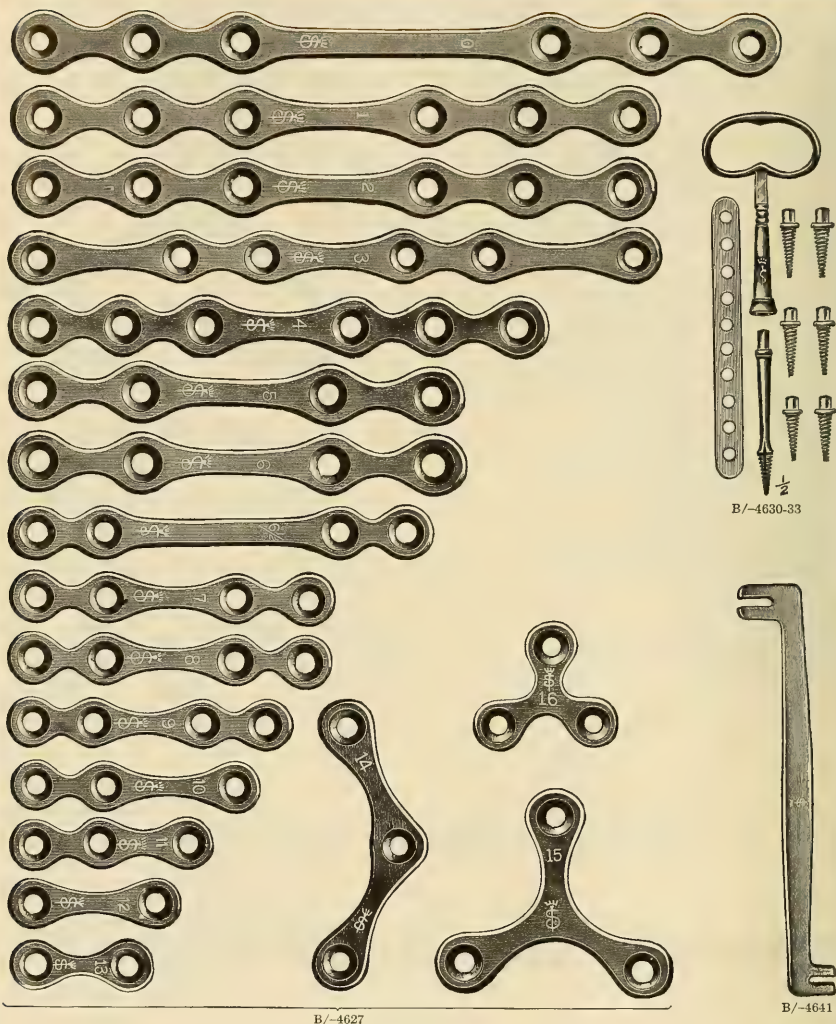


B/-4623

### Bone Plates

(Continued)

	Each
B/-4615 Lane's Bone Plates, steel for tibia, 12 sizes.....	\$ .40
B/-4617 Lane's Bone Plates, steel, for humerus, 5 sizes.....	1.00
B/-4621 Mayo's Bone Plates, silver-plated, 12 inches.....	1.75
B/-4623 Mayo's Bone Plates, German silver, 11½ inches.....	1.50

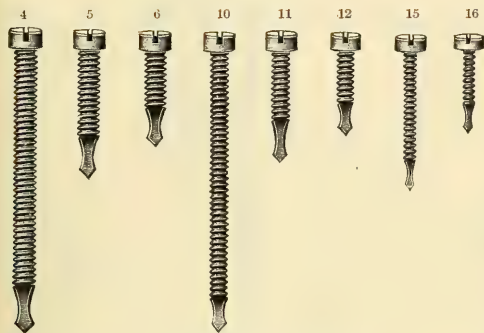


## Bone Plates

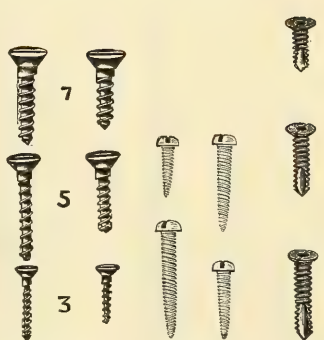
(Continued)

	Each		Each
B/-4637 Sherman's Bone Plates, vanadium steel, 18 sizes, Nos. 0, 1, 2, 3, 4, 5, 6, 6½, 14, 15 and 16	\$ 1.00	B/-4631 Sick's Bone Plates, steel, with 6 steel screws, key and drill	\$ 3.75
Nos. 7, 8, 9, 10, 11, 12 and 13	.75	B/-4632 Sick's Bone Plates, German silver, with 6 steel screws, key and drill	3.75
Set of 18, complete	13.50	B/-4633 Sick's Bone Plates, silver, with 6 steel screws, key and drill	7.00
B/-4630 Sick's Bone Plates, Ivory, with 6 Ivory screws, key and drill	5.00	B/-4641 Lane's Wrench, for bending bone plates	.75





B/-4680



B/-4683

B/-4686

B/-4691



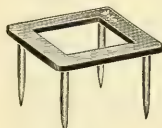
B/-4695



B/-4705-08



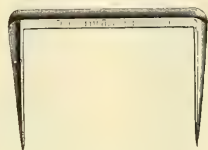
B/-4719



B/-4721



B/-4714



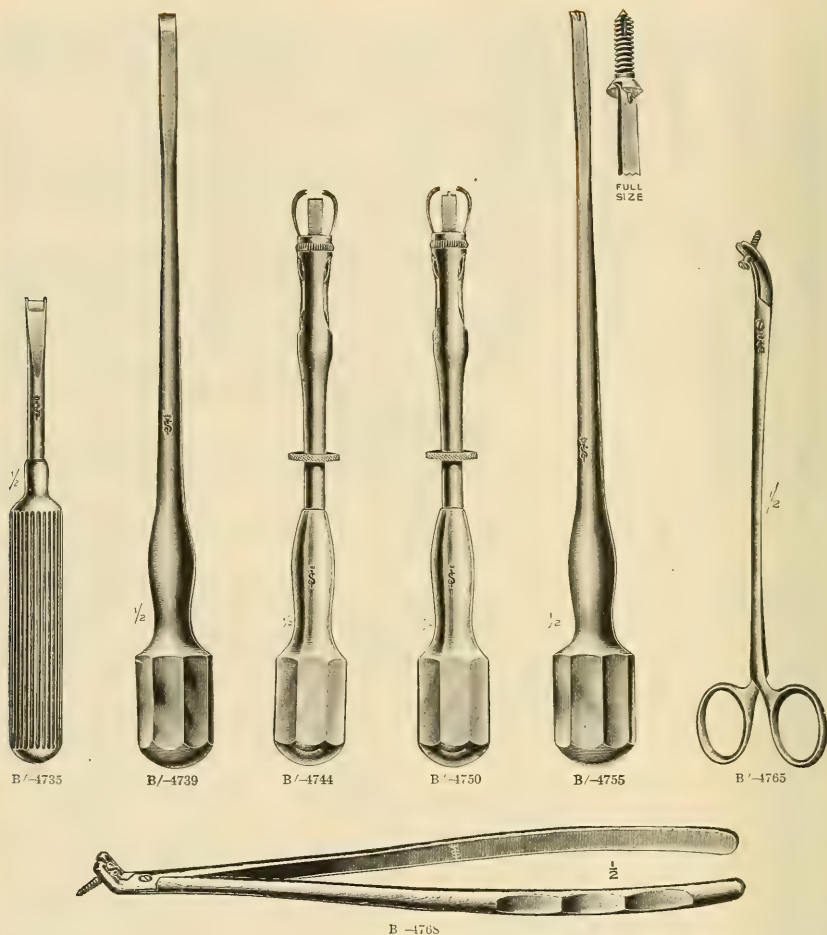
B/-4725

### Bone Screws and Spikes

	Each		Each
B/-4680 <b>Lambotte's</b> Bone Screws, gold-plated, 8 sizes.....	.50	B/-4686 <b>Mayo's</b> Bone Screws, sterling silver, $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{3}{4}$ and $\frac{7}{8}$ inches.....	1.60
B/-4683 <b>Lane's</b> Bone Screws, silver-plated, Nos. 3, 5 and 7, $\frac{1}{2}$ inch and $\frac{3}{8}$ inch, dozen.....	.30	B/-4691 <b>Sherman's</b> Bone Screws, vanadium steel, $\frac{3}{8}$ , $\frac{1}{2}$ and $\frac{3}{4}$ inches...dozen	1.50
		B/-4695 <b>Wood's</b> Bone Screws, vanadium steel, $\frac{3}{8}$ , $\frac{1}{2}$ and $\frac{3}{4}$ inches...dozen	1.50

### Bone Nails and Spikes

	Each		Each
B/-4705 Steel Nails.....	.30	B/-4719 <b>Lambotte's</b> Bone Spike, gold-plated, with 3 prongs.....	.50
B/-4708 Ivory Nails.....	.50	B/-4721 <b>Lambotte's</b> Bone Spike, gold-plated, with 4 prongs.....	.60
B/-4714 <b>Jakael's</b> Bone Spike, steel, $1\frac{3}{8}$ , $1\frac{1}{2}$ , $1\frac{5}{8}$ and $1\frac{3}{4}$ inches.....	.75	B/-4725 <b>Schede's</b> Bone Spike, steel $1\frac{3}{8}$ , $1\frac{1}{2}$ and $2\frac{3}{8}$ inches.....	.50

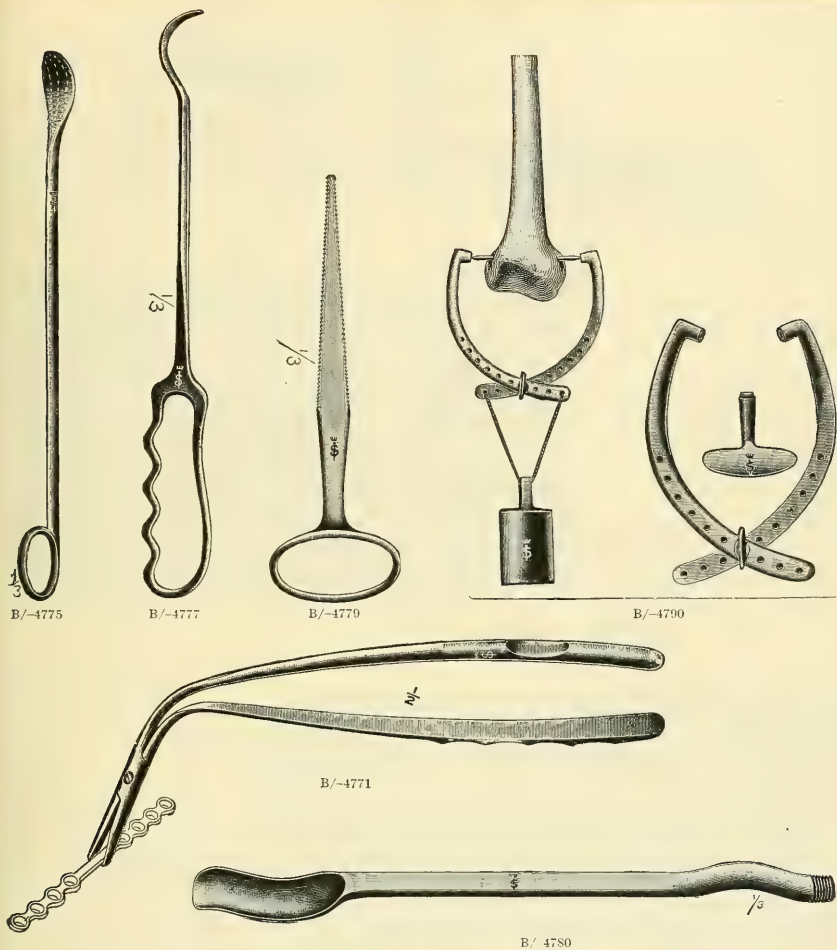


### Screw Drivers

	Each
B/-4735 Lambotte's Screw Driver, suitable for Lambotte's Screw B/-4680.....	\$ 1.75
B/-4739 Lane's Screw Driver.....	1.50
B/-4744 Pierce's Screw Driver.....	3.50
B/-4750 Sherman-Pierce's Screw Driver, suitable for Sherman's Screw B/-4691.....	3.50
B/-4755 Wood's Screw Driver, suitable for Wood's Screw B/-4695.....	2.00

### Screw Holding Forceps, Etc.

B/-4765 Lane's Screw Holding Forceps.....	3.00
B/-4768 Lane's Screw Holding Forceps, improved.....	2.50



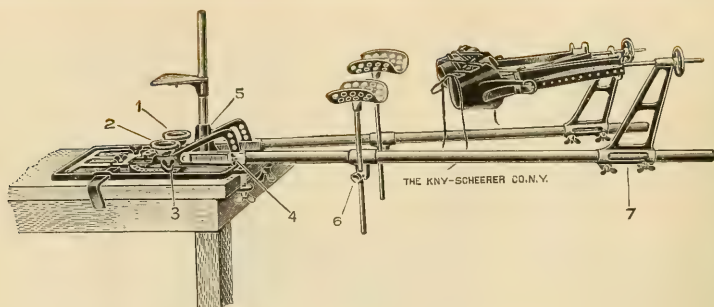
### Screw Holding Forceps, Etc.

(Continued)

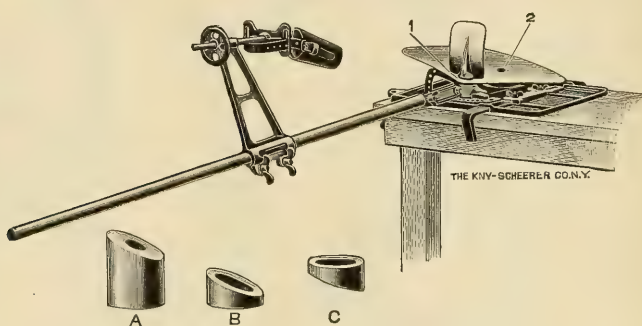
	Each
B/-4771 Lane's Plate Holding Forceps.....	\$ 2.75
B/-4775 Lane's Bone Guard and Retractor.....	2.00
B/-4777 Lane's Bone Guard and Retractor, improved.....	3.00
B/-4779 Lane's Extension Instrument.....	2.50
B/-4780 Murphy-Lane's Extension Instrument, improved, double-ended.....	3.50

### Extension Apparatus

B/-4790 Steinmann's Extension Apparatus, consisting of crossbars, 12 steel pins, and 1 key.....	8.50
*B/-4791 Steinmann's Extension Apparatus, consisting of crossbars, 12 steel pins and 1 key, set of weights with rope for same.....	10.00



S/-1196



S/-1196

### Fracture Extension Apparatus, Portable

(Dr. Charles H. Lemon's Model)

(U. S. Patent, March 26, 1907)

To set the fragments of a broken bone in proper juxtaposition requires traction that will sufficiently overcome powerful muscular action to permit free manipulation of the serrated ends. This necessitates the stretching of the muscles beyond the normal, and the continuance of the traction until the plaster cast has been applied and has set. The strength of the assistants who are making the traction soon fails, and their pull becomes unsteady and uneven; then the ends of the bone overlap and the union eventually is imperfect and deforming. Mechanical traction on the other hand does not tire, and exerts the proper continuous force until the operation is completed.

The extension apparatus shown in the above cuts was designed by Dr. C. H. Lemon of Milwaukee, Wis., to serve for both the upper and lower limbs. The powerful screws exert the traction necessary to separate the ends of the broken bone, and thus permit the surgeon to apply the proper dressings without mechanical disadvantage.

By the aid of this device, the application of the Lane or Sherman bone plates, in fractures, is greatly facilitated.

The patient is balanced on the pelvic support, the head and shoulders resting on the carrying case.

The perineal post is telescopic, the upper section being removable from the pelvic support before the patient is taken from the table.

The apparatus can be attached to any table of suitable strength.

S/-1196	Lemon's Extension Apparatus, complete with carrying case.....	Each \$135.00
* S/-1197	Dr. J. B. Walker's Superstructure to support patient otherwise than by using the carrying case, aseptic with attachable support.....	30.00



## Fracture and Orthopedic Table

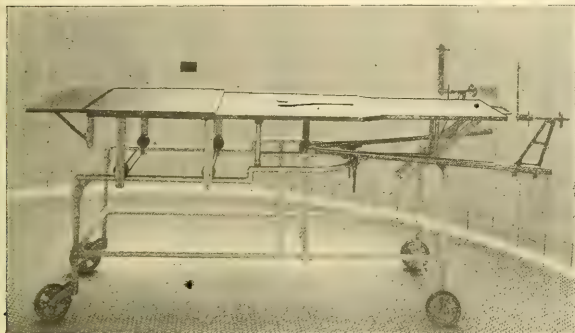
Designed by

**Dr. George W. Hawley**

*Assistant Surgeon, Hospital for Ruptured and Crippled, N. Y.*

(U. S. Patent, January 26th, 1915)

This table is specially designed for the treatment of fractures by the closed or open methods. It provides almost perfect control of the extremities, and makes reduction and immobilization more accurate and certain. The extremities can be placed in various positions, so that flexion, extension, abduction and rotation can be regulated, reliable traction obtained, and lateral pressure applied directly to the fracture ends. After reduction the limb can be immobilized without changing its position or releasing the traction.

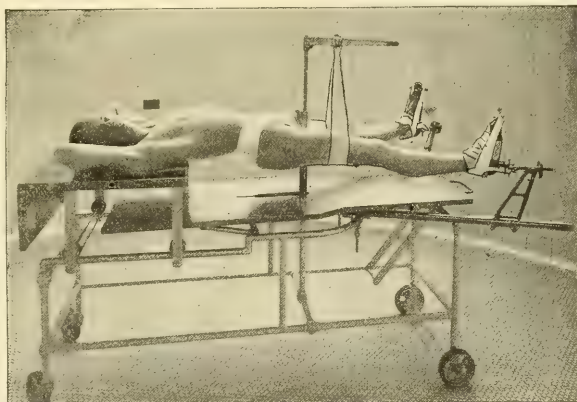


S/-1198

This photograph shows the table in position for the treatment of fractures of the lower extremity. All the work of manipulation or operation is done with the patient on a flat surface and the limbs held, not by assistants, but by fixed supports. The table top is made with a section which can be lowered, leaving the patient suspended for the application of plaster, and then raised while the cast is hardening.

This table is well adapted to Roentgenographic examination of fractures.

Illustrating the almost perfect control of the leg in the plating of fractures. The traction apparatus not only helps in reduction and in holding the fragments for the application of the plate, but after the plate is in place the patient can be suspended and the cast applied without any added strain on the plate. It makes possible the use of much smaller and lighter plates.



S/-1198

Price.....	\$ 250.00
Packing.....	2.00

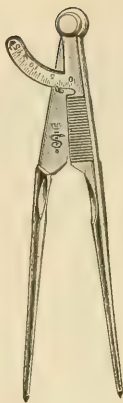
Descriptive circular will be sent upon application.



B/-4825



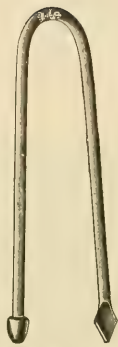
B/-4827



B/-4830



B/-4833



B/-4840



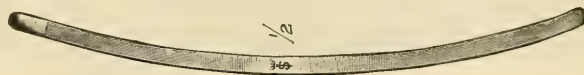
B/-4850



B/-4870



B/-4873



B/-4879

## Trepanning Instruments

### Brushes

Each

- B/-4825 Trepanning Brush, flat ebony handle..\$ .50  
B/-4827 Trepanning Brush, round metal handle .75

### Calipers, Compass, Etc.

- B/-4830 Doyen's Caliper, for measuring cerebral lesions..... 3.50  
B/-4833 Doyen's Mensureur, for measuring thickness of skull..... 2.00  
B/-4840 Hudson's Compass..... 1.00

### Chisels

- B/-4850 Passow's Blunt Chisels, for bone bleeding, 3 sizes..... 1.00

### Elevators, Directors and Separators

- B/-4870 Plain Elevator and Raspatory..... .75  
B/-4873 Plain Elevator and Raspatory, concave end..... .75  
B/-4878 Braatz's Rigid Sound, 3 sizes ..... 1.25  
B/-4879 Braatz's Elastic Sound ..... .60  
B/-4883 Buchanan's Elevator..... .75  
B/-4885 Buchanan's Hook..... .75  
B/-4887 Buchanan's Separator ..... 1.00  
B/-4892 Doyen's Director, curved..... .50



B/-4878



B/-4883



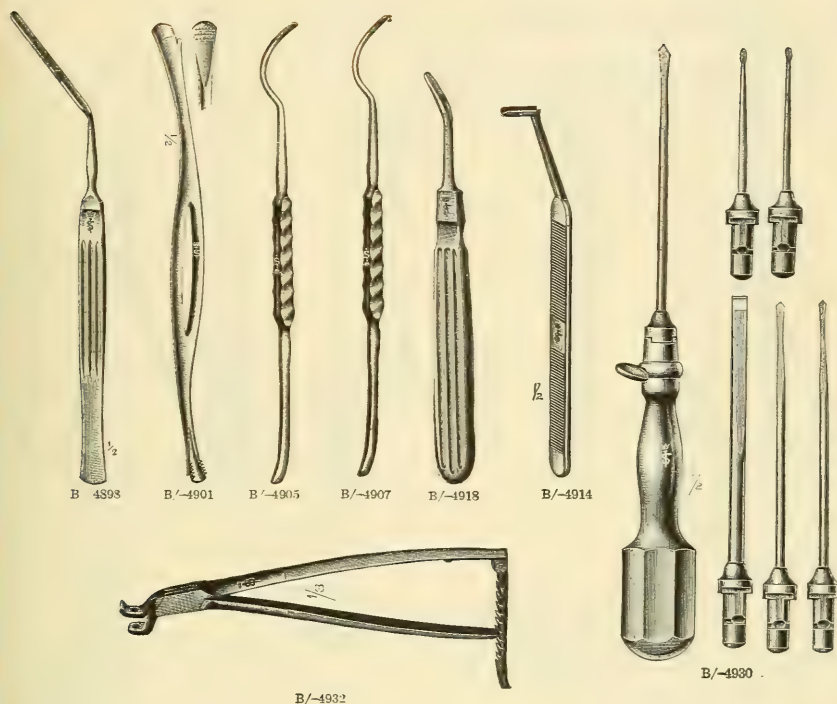
B/-4885



B/-4887



B/-4892



### Trepanning Instruments Elevators, Directors and Separators (Continued)

	Each
B/-4898 <b>Horsley's Dura Separator</b> .....	\$ 1.25
B/-4901 <b>Horsley's Elevator and Raspatory</b> .....	1.00
B/-4905 <b>Hudson's Elevator, double-ended</b> .....	1.75
B/-4907 <b>Hudson's Elevator, with saw carrier</b> .....	2.00
B/-4914 <b>Payr's Director, for introducing puncture needle</b> .....	1.50
B/-4918 <b>Poirier's Elevator</b> .....	1.75

### Drills

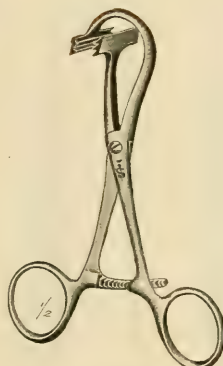
B/-4930 <b>Hudson's Drill, set of 5 points, screw driver and handle; the attachments also fit Hudson's Brace B/-5076</b> .....	6.00
B/-4932 <b>Hudson's Drill Guard and Brain Protector</b> .....	10.00



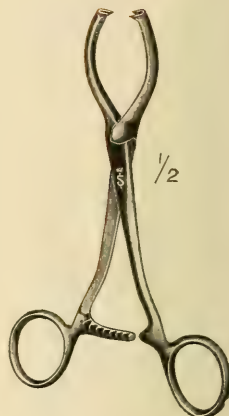
B/-4943



B/-4949



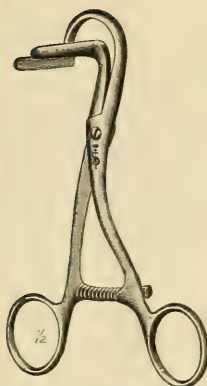
B -4955



B. -4965



B -4958



B -4961

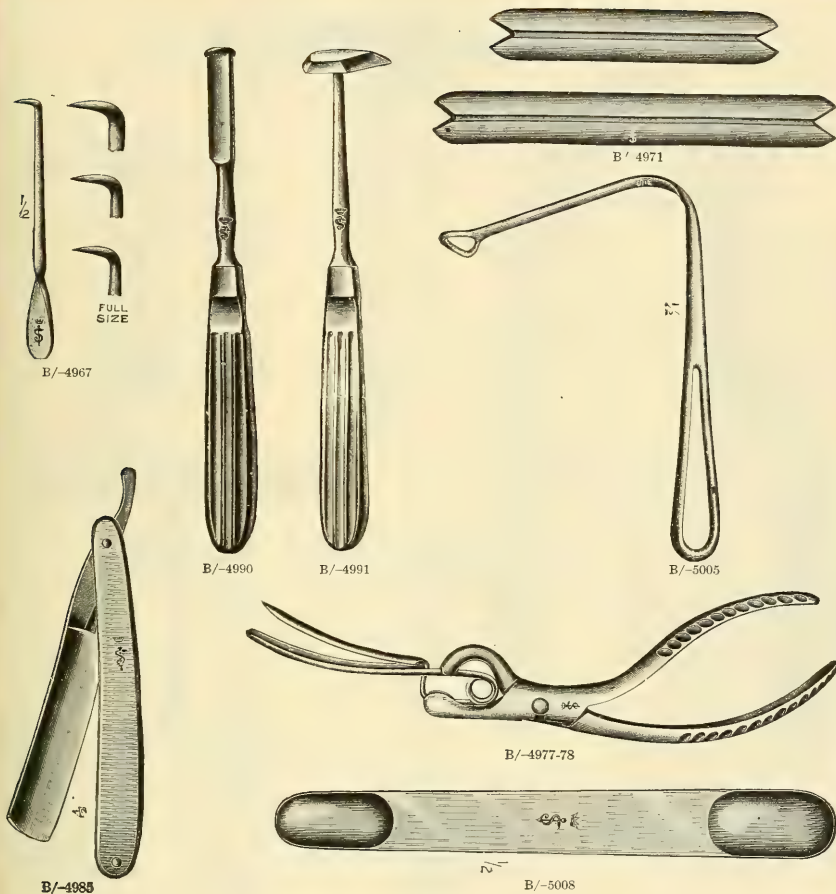
## Trepanning Instruments

(Continued)

### Forceps

	Each
B/-4945 <b>Blaisdell's</b> Cranial Haemostat .....	\$ 3.50
B/-4949 <b>Carr's</b> Cranial Haemostat .....	3.75
B/-4955 <b>Hoeve's</b> Cranial Haemostat .....	3.00
B/-4958 <b>Houzel's</b> Cranial Haemostat .....	2.25
B/-4961 <b>Hudson's</b> Cranial Haemostat, 2 sizes, $\frac{3}{4}$ and $1\frac{1}{4}$ inch jaws.....	3.00
B/-4965 <b>Krause's</b> Claw Forceps .....	2.25





## Trepanning Instruments

### Forceps

(Continued)

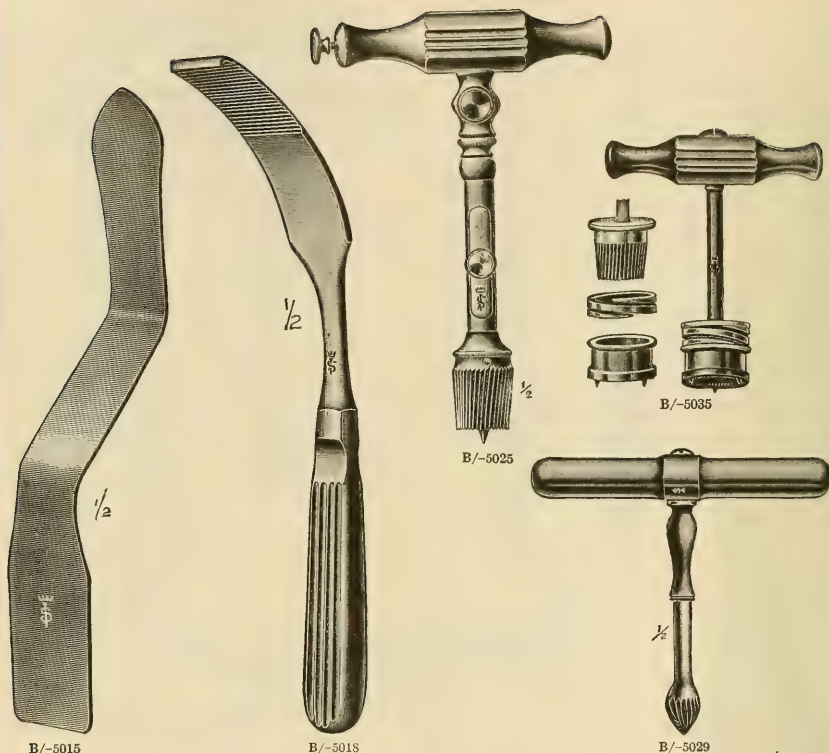
	Each
B/-4967 Krause's Bone Hooks, for arresting haemorrhages, 3 sizes .....	\$ .60
B/-4971 Kredel's Pliable Plates, 2 sizes, 2 and 2 3/4 inches .....	.50
B/-4977 Makkas' Flap Clamps, set of 6 .....	13.50
B/-4978 Makkas' Forceps, for opening above .....	4.50

### Knives

B/-4985 Aseptic Razor .....	1.35
B/-4990 Lenticular Knife, round end .....	1.50
B/-4991 Lenticular Knife, pentagon end .....	2.00

### Spatula

B/-5005 Crile's Brain Spatula, to prevent haemorrhage .....	1.25
B/-5008 Cushing's Brain Spatula, 3 sizes, 6 3/4, 7 3/4 and 11 inches .....	.85



## Trepanning Instruments

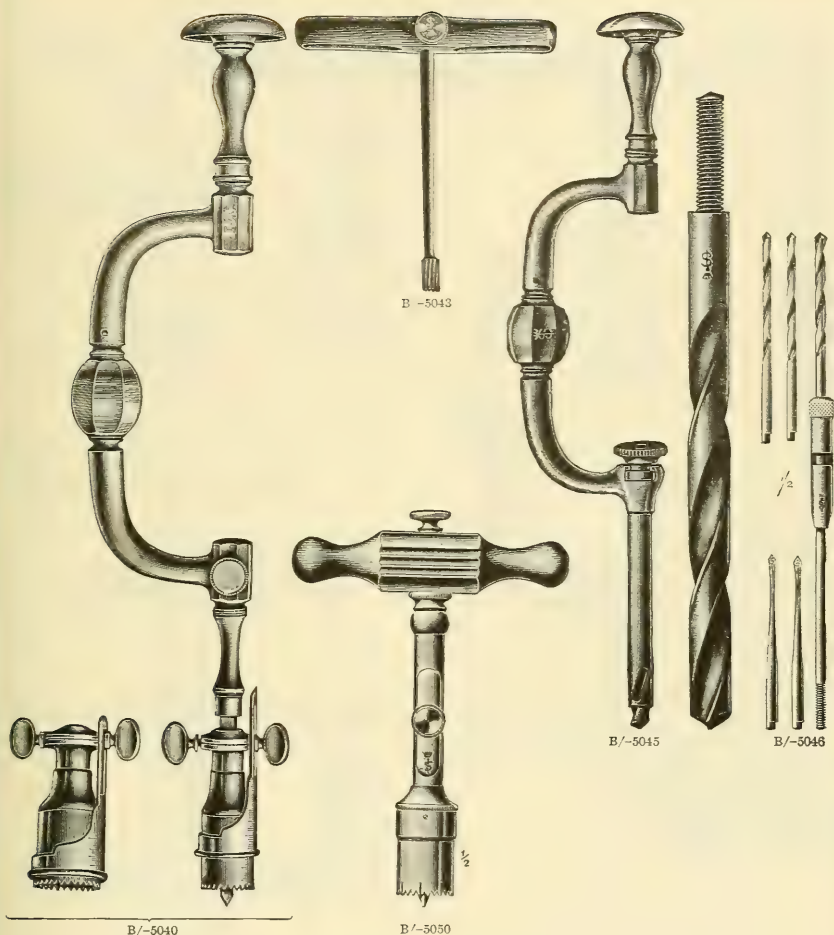
### Spatulas

(Continued)

	Each
B/-5015 Keen's Brain Spatula .....	\$ 1.50
B/-5018 Lexer's Brain Spatula .....	3.25

### Trephines

B/-5025 Andrews' Trephine, long blade .....	4.00
B/-5029 Ball Shape Trephine, or Osteotrite .....	2.75
B/-5035 Blaisdell's Trephine, 1 inch, with starting guide .....	6.00

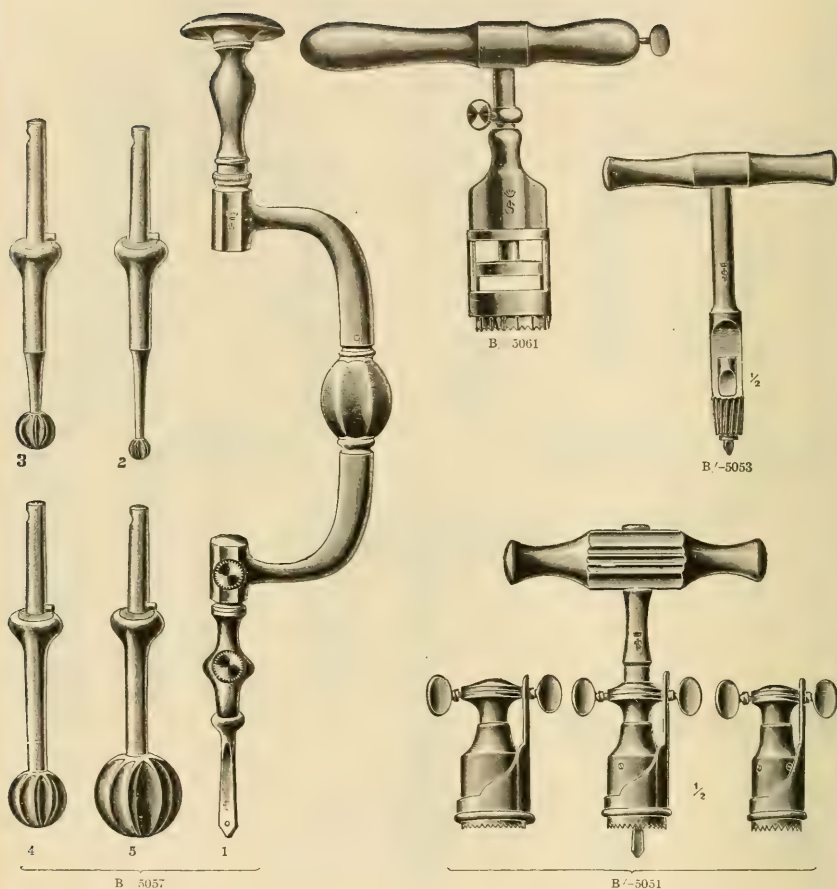


## Trepanning Instruments

### Trephines

(Continued)

	Each
B/-5040 Brace Trephine, with two guarded crowns, $\frac{3}{4}$ and $\frac{7}{8}$ inch.....	\$15.00
B/-5043 Buchanan's Trephine, $\frac{1}{4}$ inch.....	2.25
B/-5045 Carr's Trephine, with guard .....	8.00
B/-5046 Carr's Attachment, with 5 bone drills.....	2.75
B/-5050 Crown Shape Trephine, 4 sizes, $\frac{9}{16}$ , $\frac{11}{16}$ , $\frac{3}{4}$ and $7\frac{1}{8}$ inch.....	5.00



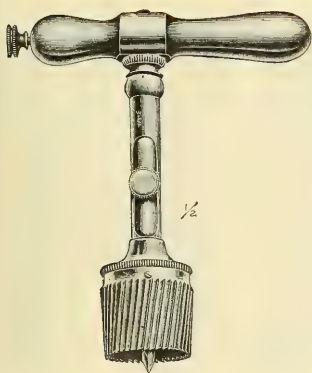
## Trepanning Instruments

### Trephines

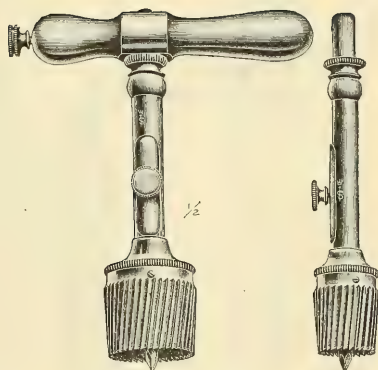
(Continued)

	Each
B/-5051 Crown Shape Trephine, set of 3.....	\$ 12.00
B/-5053 DeVilbiss' Trephine, $\frac{5}{16}$ inch.....	1.50
B/-5057 Doyen's Trephine, with drill point and 4 burrs.....	16.50
B/-5061 Falla's Trephine, with guard, 4 sizes, $\frac{3}{8}$ , $\frac{5}{16}$ , $\frac{3}{4}$ and $\frac{7}{8}$ inch.....	4.50

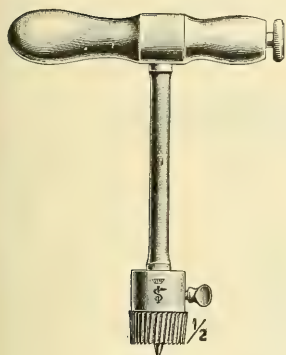




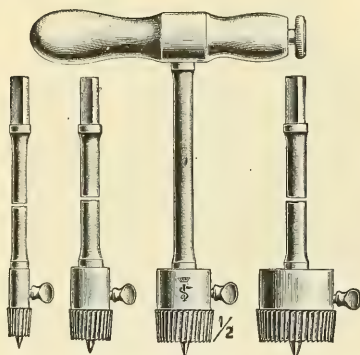
B/-5065



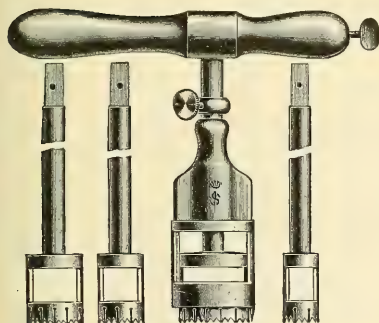
B/-5067



B/-5071



B/-5073

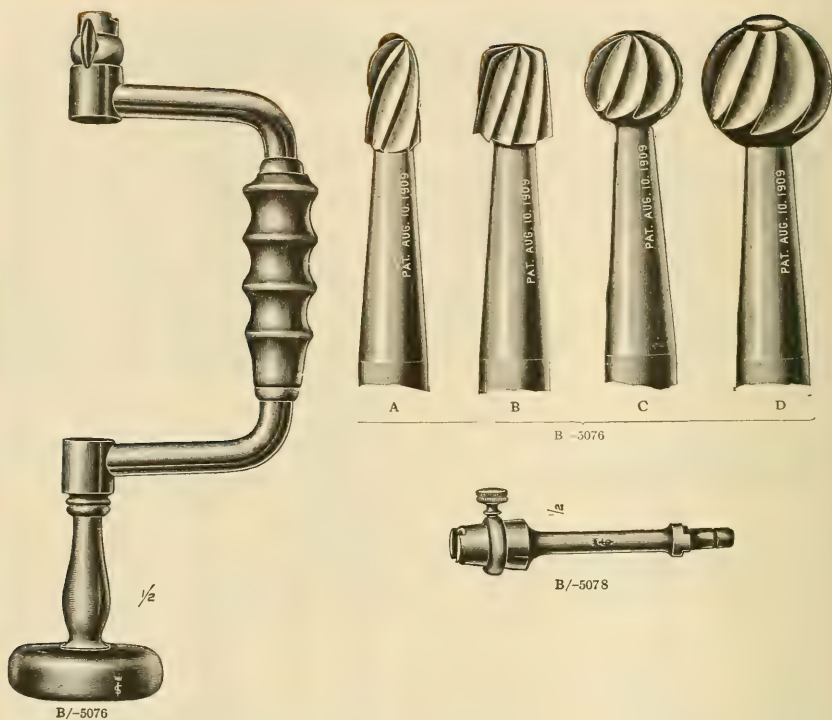


B/-5062

## Trepanning Instruments

### Trephines (Continued)

	Each
B/-5062 Falla's Trephines, set of 4, in metal case..	\$15.00
B/-5065 Galt's Trephines, 5 sizes, $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , $\frac{7}{8}$ and 1 inch.....	2.50
B/-5067 Galt's Trephines, set of 2.....	4.50
B/-5071 Horsley's Trephines, 4 sizes, $\frac{1}{4}$ , $\frac{1}{2}$ , $\frac{3}{4}$ and 1 inch.....	6.50
B/-5073 Horsley's Trephines, set of 4.....	18.00



## Trepanning Instruments

### Trephines

(Continued)

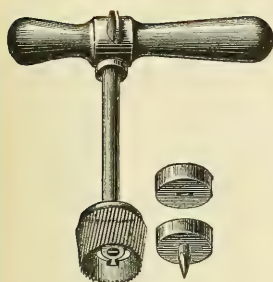
	Each
B/-5076 Hudson's Set of Trepanning Drills, 4 burrs and brace.....	\$ 40.00
*B/-5077 Hardwood Case for above.....	1.50
B/-5078 Hudson's Cerebellar Attachment.....	2.50

(U. S. Patent, August 10, 1909.)

The author claims for his instruments simplicity, accuracy and safety. Their peculiarity consists in the fact that they will cut as long as cutting is requisite, but will cease cutting and no longer rotate when the bone in front of them is so thin as to give way before their advance.

In opening the skull, the spiral perforator with a sharp point (Fig. A) is first used, and this automatically stops cutting after making a projection the size of a pin-head on the inside of the skull. This will not cause injury to the middle meningeal artery even if the perforator is over the groove in the skull. A spiral burr (Fig. B) or a round burr with a dull center (Fig. C or D) is then used to complete the opening. These burrs advance under their own pressure, stopping automatically when a thin film of bone is pushed ahead of them.

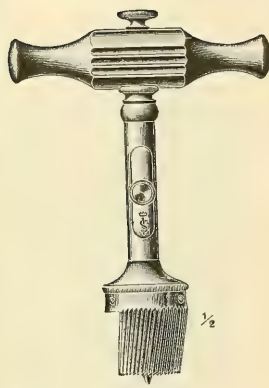
The burrs are driven by a hand brace with an improved lock, which has an extra joint called the Cerebellar attachment (B/-5078), for use over the cerebellum. This lifts the brace away from the patient's head so that its bow will not strike the patient's shoulder.



B/-5080



B/-5095-97



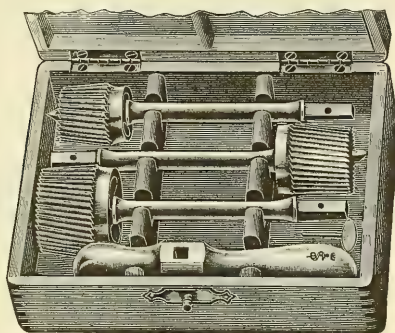
B/-5082



B/-5090



B/-5092



B/-5081

## Trepanning Instruments

### Trephines (Continued)

Each

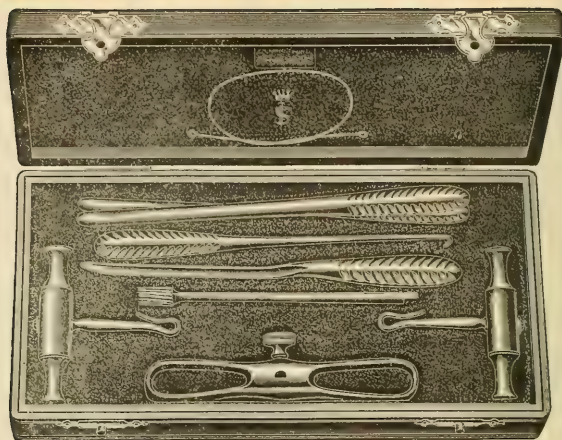
B/-5080	Roberts' Trephine, 4 sizes, $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ and $\frac{7}{8}$ inch.....	\$ 3.75
B/-5081	Roberts' Trephine, set of 3, in wooden case.....	12.00
B/-5082	Roberts' Trephine, segment for enlarging first opening.....	6.00
B/-5090	Plain Tirefond.....	.75

Each

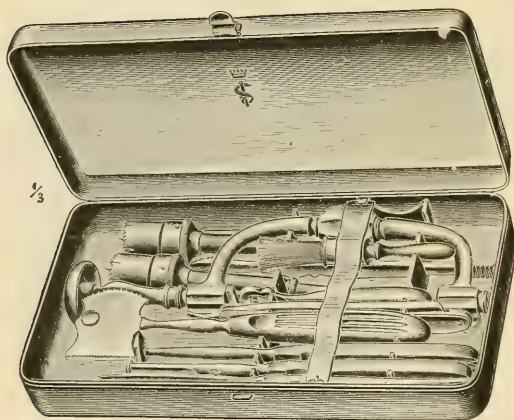
B/-5092	Heine's Tirefond, with 3 drill points	\$ 2.25
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### Wax

B/-5095	Horsley's Bone Wax, Down Bros. make.....	2.50
B/-5097	Horsley's Bone Wax, Squire & Sons' make.....	3.25



B/-5105



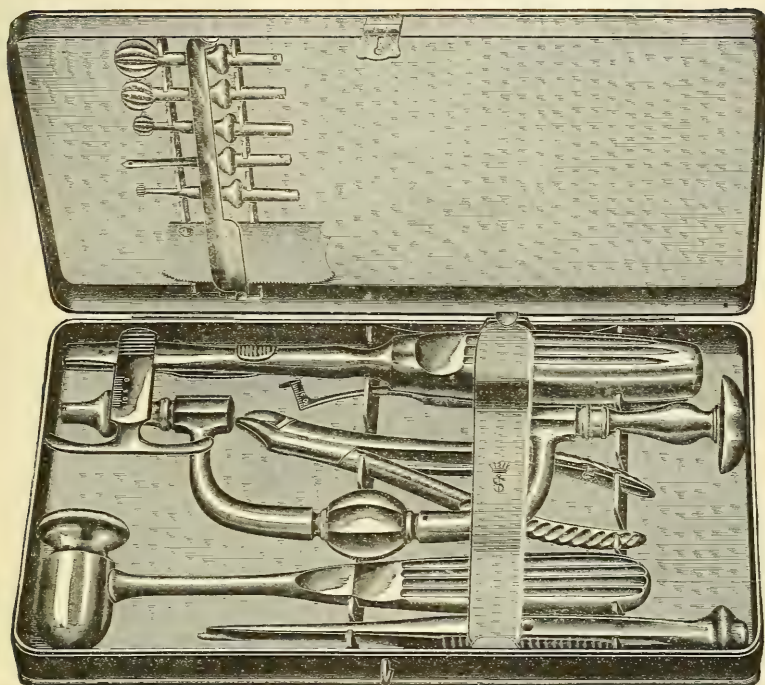
B/-3110-11

## Trepanning Instruments

### Trepanning Sets

B/-5105	Buchanan's Trepanning Set, in leather case.....	\$ 7.50
	Containing:	
	1 Buchanan's Trephine	2 Buchanan's Elevators
	1 Buchanan's Separator	1 Buchanan's Hook
	1 Gigli's Wire Saw, with handles	
B/-5110	Trepanning Set, in metal case .....	37.50
	Containing:	
	1 Brace Trephine, with 2 crowns	1 Hey's Skull Saw
	1 Heine's Tirefond	1 Periosteal Elevator
	1 Elevator and Respiratory	1 Aseptic Razor
	1 Lenticular Knife, blunt end	1 Trephine Brush
	1 Lenticular Knife, pentagon end	
B/-5111	Trepanning Set, same as above, in leather case.....	30.00





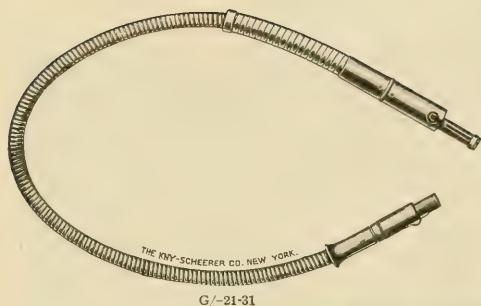
B -5115-16

## Trepanning Instruments

### Trepanning Sets

(Continued)

	Each
B -5115 Doyen's Trepanning Set, in metal case.....	\$ 48.00
Containing:	
1 Doyen's Trephine	1 Doyen's Chisel
1 Doyen's Rongeur	1 Doyen's Mallet
1 Doyen's Cranial Saw	1 Doyen's Mensurator
B -5116 Doyen's Trepanning Set, same as above, in leather case.....	37.50



G/-21-31



G/-40



G/-51-55



G/-71



G/-67



G/-59-63

## Electro-Operative Surgery Instruments

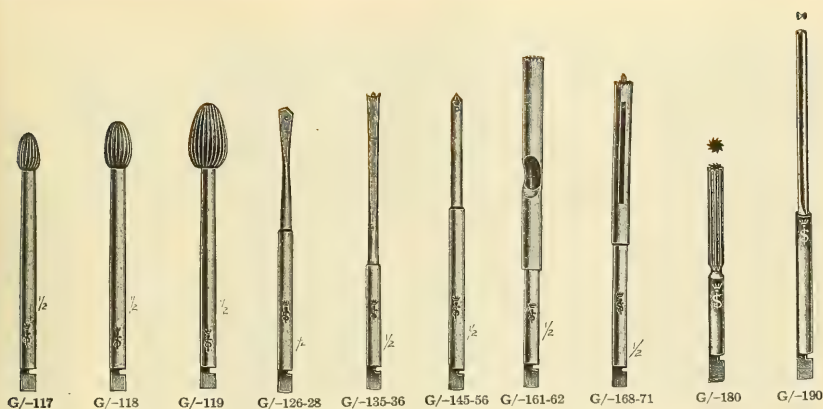
### Cables

		Each
G/-21	Flexible Cable and Shaft, aseptic. This attachment is very pliable, feels light in the hand for delicate work and has slip joint fittings. The inner shaft is 5 mm. in diameter, 36 inches long.	\$20.00
G/-25	Flexible Cable and Shaft, aseptic. Heavier pattern suitable for cranial and other bone work. The inner shaft is 7 mm. in diameter, 36 inches long, slip joint fittings	20.00
G/-31	Flexible Cable and Shaft, aseptic. The same as above but 72 inches long	30.00
G/-40	Hawley's Clips, for holding sterile towels on flexible cables.	.50

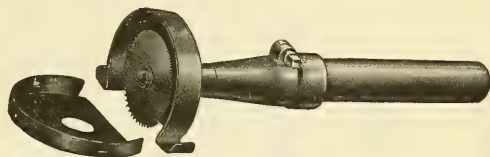
### Hand Pieces

G/-51	Plain Hand Piece, aseptic, for drills and circular saws, to use with flexible cables of 5 mm. shafts	10.00
G/-55	Plain Hand Piece, aseptic, same as above but for 7 mm. shafts	10.00
G/-59	Plain Hand Piece, aseptic, with guide handle specially designed for use with circular saws, for 7 mm. shafts	15.00
G/-63	Plain Hand Piece, aseptic, same as above with separable handle	17.50
G/-67	Hawley's Hand Piece, aseptic, weighted to overcome vibration of circular saws	25.00
G/-71	Pistol-shaped Hand Piece, with trigger to instantly engage and actuate the drill, for 5 mm. shafts	27.50

Note. All hand pieces are fitted with automatic clutch and release for the instruments.



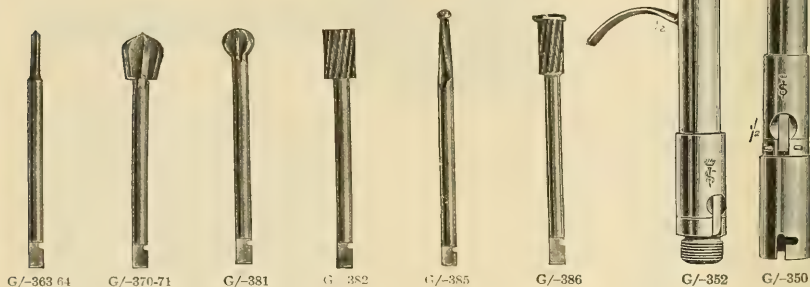
G/-200-04



G/-210

## Electro-Operative Surgery Instruments

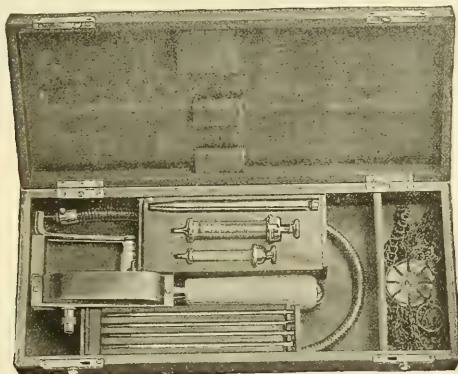
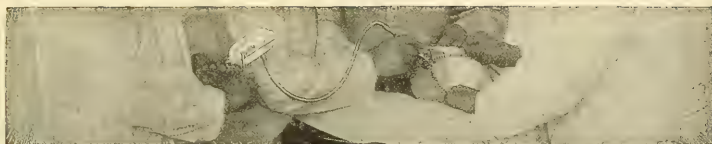
Drills		Each			Each
G/-117	Burrs, acorn shaped, small	\$ 1.50	G/-171	Drills, trephine shaped, centered, 8 mm. diameter	\$ 2.00
G/-118	Burrs, acorn shaped, medium	1.75	G/-180	Hawley's Rotary Drills, for trimming bone grafts	2.25
G/-119	Burrs, acorn shaped, large	2.00	G/-190	Magruder's Drills	2.25
G/-126	Drills, flat pointed, with eye, 3 mm. wide	1.50	These drills are provided with a groove for rapidly passing suture material along their length; made in following sizes:		
G/-127	Drills, flat pointed, with eye, 4 mm. wide	1.50	A. 1 x $\frac{1}{16}$ inches	E. 2 x $\frac{1}{8}$ inches	
G/-128	Drills, flat pointed, with eye, 6 mm. wide	1.50	B. 1½ x $\frac{1}{8}$ inches	F. 2½ x $\frac{1}{8}$ inches	
G/-135	Drills, flat pointed, centered, 4 mm. wide	1.75	C. 1½ x $\frac{1}{8}$ inches	G. 3 x $\frac{1}{8}$ inches	
G/-136	Drills, flat pointed, centered, 5 mm. wide	1.75	D. 2 x $\frac{1}{8}$ inches	H. 3½ x $\frac{1}{8}$ inches	
G/-145	Drills, half round, centered, 1 mm. wide	1.00	<b>Saws</b>		
G/-146	Drills, half round, centered, 2 mm. wide	1.00	G/-200	Saws, circular, 50 mm. diameter, with guard for cutting $\frac{1}{8}$ inch deep	3.00
G/-152	Drills, half round, with eye, 3 mm. wide	1.25	G/-201	Saws, circular, 50 mm. diameter, with guard for cutting $\frac{1}{4}$ inch deep	3.00
G/-153	Drills, half round, with eye, 4 mm. wide	1.25	G/-202	Saws, circular, 50 mm. diameter, with guard for cutting $\frac{3}{8}$ inch deep	3.00
G/-154	Drills, half round, with eye, 6 mm. wide	1.25	G/-204	Saws, circular, set of 3, of above sizes.	7.50
G/-156	Drills, half round, with eye, 8 mm. wide	1.25	G/-210	Oberndorfer's Saw Guard, to prevent dissemination of septic matter in post mortem work	7.50
G/-161	Drills, trephine shaped, 4 mm. diameter	2.00			
G/-162	Drills, trephine shaped, 5 mm. diameter	2.00			
G/-168	Drills, trephine shaped, centered, 6 mm. diameter	2.00			
G/-169	Drills, trephine shaped, centered, 7 mm. diameter	2.00			



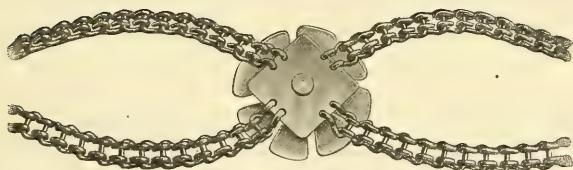
### Borchardt's Electro-Operative Set for Skull Work

	Each
G/-350 Hand Piece, with adjustable drill guard. ....	\$30.00
G/-352 Hand Piece, with adjustable furrow cutter guard. ....	30.00
G/-363 Furrow Cutter, 3 mm. wide. ....	2.50
G/-364 Furrow Cutter, 4 mm. wide. ....	2.50
G/-370 Fraise, 8 mm. diameter. ....	3.00
G/-371 Fraise, 10 mm. diameter. ....	3.00
G/-381 Burr, 10 mm. diameter. ....	3.00
G/-382 Trephine, 10 mm. diameter. ....	3.50
G/-385 Sudeck's Fraise, probe pointed. ....	3.50
G/-386 Sudeck's Fraise, probe pointed, modification of Kenyon. ....	4.00
G/-393 Borchardt's Set, complete in metal case. ....	50.00
G/-395 Flexible Cable, aseptic, with sterilizable sleeve. ....	25.00





G/-396



G/-398



B/-4914

### Borchardt's Set for Brain Puncture

G/- 396 Borchardt's Set for Brain Puncture, in wooden case . . . . . Each \$ 55.00

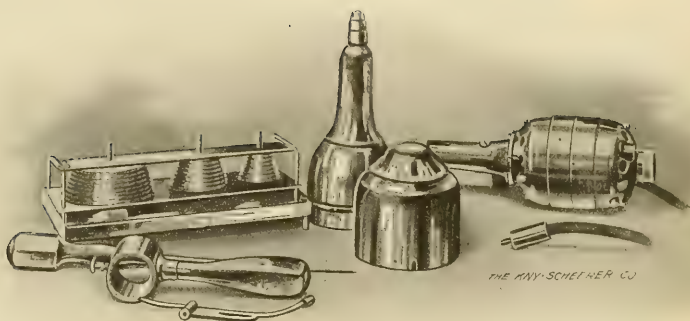
**Containing:**

- |  |   |
|--|---|
| 1 Hand Motor                             | 1 Scalp Plate with 4 chains facilitating introduction |
| 1 Flexible Cable with sterilizable shaft | of Suction Canulae                                    |
| 1 Hand Piece                             | 1 Suction Syringe, small                              |
| 4 Drills                                 | 1 Suction Syringe, large                              |

G/- 398 Borchardt's Scalp Plate, with 4 chains to facilitate introducing Suction Canulae . . . . . 3.50

B/-4914 Payr's Director for introducing canulae . . . . . 1.50

(See Berliner-Klinische Wochenschrift, 1911, No. 13.)



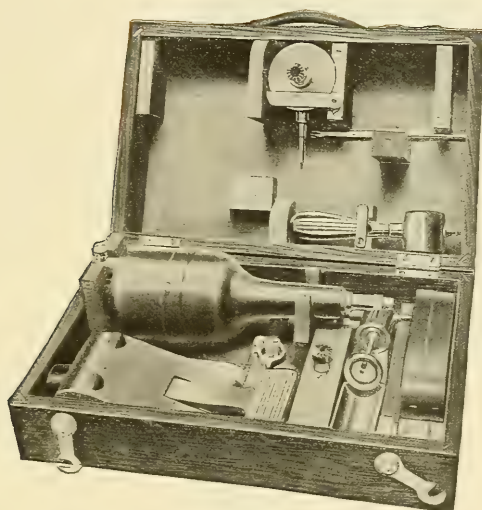
G/-320

### Dr. Frank Hartley and Dr. James Kenyon's Electro-Operative Surgery Set

Complete Set .....net \$ 175.00

#### Parts of Each Equipment

	Each		Each
1 Universal, Motor, with the necessary conducting cord, aseptic sterilizable shell, guide handle for the same.....	\$ 100.00	1 Medium Saw, with 1 mandril and 8 gauges..	\$ 14.00
1 Metal Tray to use as sterilizer.....	10.00	1 Small Saw, with 1 mandril and 8 gauges...	12.00
1 Chuck, for twist drill.....	5.00	1 Spanner.....	2.00
1 Modified Sudeck Fraise.....	4.00	1 Wrench.....	1.00
1 Hartley Taper Burr Fraise.....	7.50	1 Screw Driver.....	1.50
1 Skull Measuring Gauge.....	5.00	1 Hardwood Carrying Case.....	8.00
1 Large Saw, with 1 mandril and 8 gauges.....	16.00	1 Foot Switch.....	7.50
		1 Long Twist Drill.....	.50



G/-330

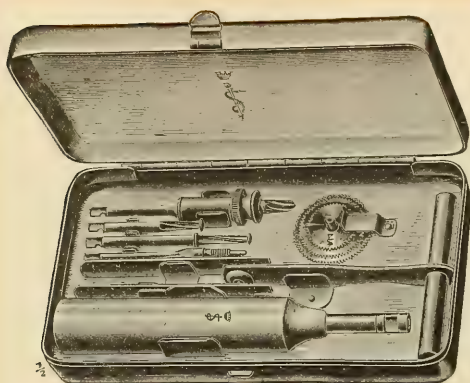
### The Albee Electro-Operative Bone Set

		Each
G/-330	Set, consisting of instruments as below, complete .....	net \$ 135.00
	Universal Motor, with the necessary conducting cord, aseptic sterilizable shell, guide handle for same	
	Hartley Taper Burr Fraise	
	Small Saw, with one mandrill and S gauges	
	Spanner	
	Wrench	
	Screwdriver	
	Hardwood Carrying Case	
	Foot Switch	
	Long Twist Drill	
	Sterilizer Case, for drills, burrs and chuck	

### Additional Special Instruments

G/-330 L	Guard, with spray which overcomes parts of bone flying from the operative field .....	7.50
G/-330 M	Dr. Albee's Twin Saw, mounted on adjustable mandril, so any size cut up to $\frac{1}{2}$ inch can be made for cutting parallel to position of motor, with spanners .....	12.00
G/-330 N	Dr. Albee's Angular Saw, to use as twin or single saw .....	30.00
G/-330 O	Dr. Albee's Dowel Shaper, with two cutters .....	38.00
G/-330 P	Dr. Albee's Extra Long Taper Burr Fraise, for femur .....	

Descriptive Circular will be sent upon application.



G/-416



G/-410



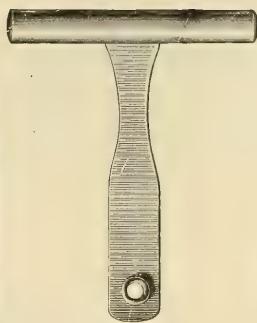
G/-400



G/-402



G/-404



G/-412



G/-406



G/-408

### Sudeck's Trepanning Instruments

	Each
G/-400 Kuemmel's Drill, with guard, for opening skull.....	\$ 7.50
G/-402 Sudeck's Drill, with guard, short.....	2.00
G/-404 Sudeck's Drill, with guard, long.....	2.50
G/-406 Sudeck's Saws, 3 sizes, 20, 25 and 30 mm.....	2.25
G/-408 Sudeck's Handle, for holding saws.....	7.50
G/-410 Sudeck's Handle, for holding saws, angular.....	10.00
G/-412 Sudeck's Guide, for saw handles.....	2.00
*G/-414 Sudeck's Keys, for adjusting saw blades.....	.50
G/-416 Sudeck's Set, complete, in metal case.....	18.00

Hand Piece G/-51 and Flexible Cable and Shaft G/-21 are the only ones to be used with the Sudeck's instruments.



## The Pantostat

Improved Model

### A Universal Electro-Medical Apparatus

An apparatus to cover all modalities required by the Electro-Therapist of today, under the most minute control, and not of too large proportions, has been a long felt want. The Pantostat, or Universal Apparatus, has been evolved after many years' experimentation in our laboratories with the expert aid of Electro-Therapists, and covers all the requirements along these lines.

In this apparatus the possibility of a ground circuit and the accidental shock to the patient is obviated, as the street current is used for driving the motor only; a separate dynamo generates the modalities as applied to the patient. This is a feature of great importance.

The following currents are obtained from the Pantostat:

1. Galvanic.
2. Current for Electrolysis.
3. Current for Cataphoresis.
4. Farado-Sinusoidal.
5. Combined Galvanic-Farado-Sinusoidal.
6. Current for lighting Diagnostic Lamps.
7. Current for heating cautery knives from 0 to 50 amperes.

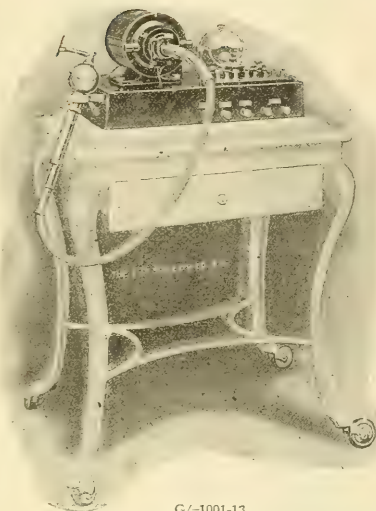
To measure the Galvanic Current applied to the patient a Milliamperemeter of the most accurate type is employed.

In addition to generating currents for therapeutic application, the power of the motor can be used for driving a vibratory massage attachment, a Rotary bone drill or circular saw, a small pump for massage of the tympanum, evacuation of cups for Hyperemia Treatment, or actuating small sprays and nebulizers.

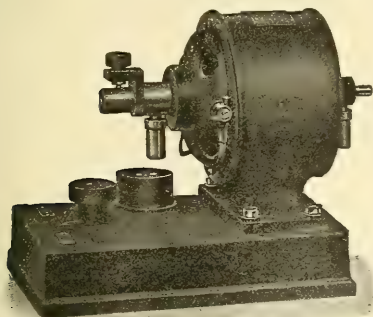
The entire apparatus is finished in black enamel, and makes a very handsome appearance. The wide range of utilities, compactness and simplicity make it the "Ideal" machine, one which should be in every up-to-date practitioner's office.

With each Pantostat a set of conducting cords, four applicators of assorted sizes, a plain and an interrupter handle are supplied.

G/-1001	The Pantostat, for direct current of 110 volts. ....	Each
G/-1005	The Pantostat, for direct current of 220 volts. ....	\$ 150.00
G/-1009	The Pantostat, for alternating current, 110 volts, 25 or 60 cycles. ....	160.00
G/-1013	Enameled Table, as illustrated above. ....	175.00
		30.00



G/-1001-13



G/-460-64

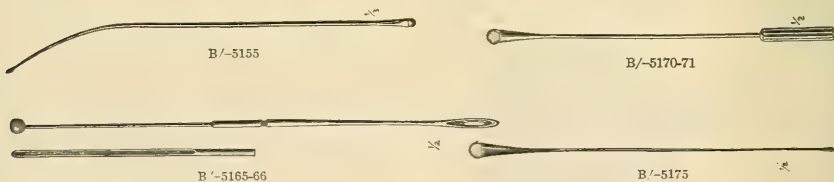
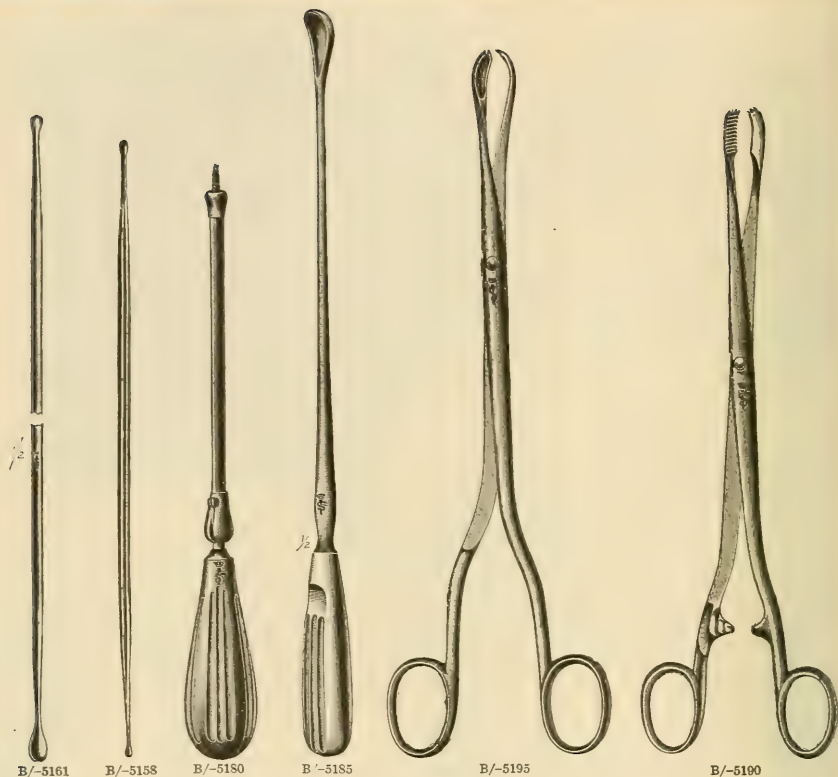
### Motors for Operative Surgery

The motors listed here are of special design to be used in connection with our flexible cables and shafts for operative surgery. They are very powerful and are not to be compared with the ordinary motors furnished for commercial purposes. The parts are enclosed and protected against external injury, with the exception of the commutator and brushes, the end castings being provided with an open space to insure good ventilation.

They are finished in black enamel, fitted with speed controlling rheostat.

Each

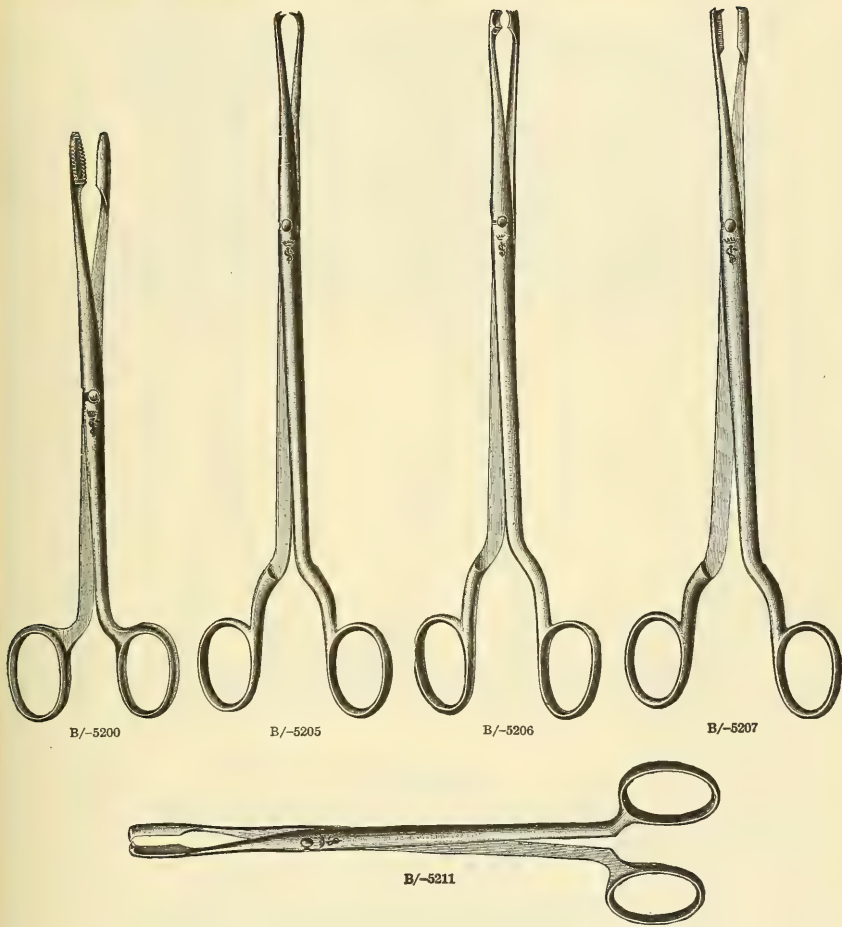
G/-460	Operative Surgery Motor, with speed controlling rheostat, connecting nipple fitted to shaft for flexible cable and shafts G/-21 to G/-31, operating from the 110 V direct current supply. ....	\$ 55.00
G/-462	Same as above, for 220 V direct current	60.00
G/-464	Same as above, for 110 V alternating current. ....	60.00



### Bullet Extracting Instruments

Probes			Extractors		
		Each			Each
B/-5155	Burrow's Bullet Probe.....	\$ .75	B/-5180	Baudens' Bullet Screw.....	\$ 3.00
B/-5188	Esmarch's Bullet Probe, tin.....	.75	B/-5185	Plain Bullet Scoop.....	1.50
B/-5161	Fluhrer's Bullet Probe, flexible copper.....	.75			
B/-5165	Hamilton's Bullet Probe, to unscrew, silver.....	1.75			
B/-5166	Hamilton's Bullet Probe, to unscrew, plated.....	1.00			
B/-5170	Nelaton's Bullet Probe, silver.....	1.00			
B/-5171	Nelaton's Bullet Probe, plated.....	.50	B/-5190	Collin's Bullet Forceps.....	1.50
B/-5175	U. S. A. Bullet Probe, silver.....	.75	B/-5195	Gross' Bullet Forceps.....	1.75

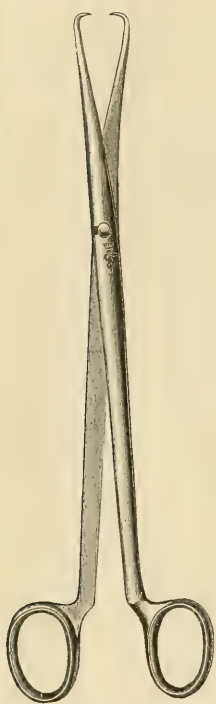
### Forceps



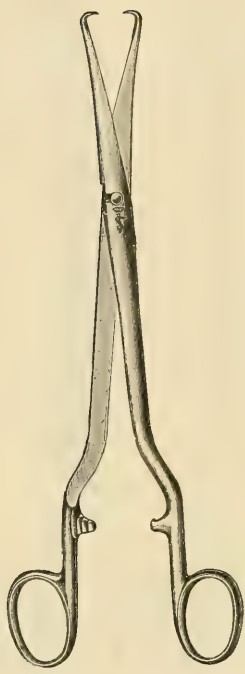
### Bullet Extracting Instruments

Forceps  
(Continued)

	Each
B/-5200 Loeffler's Bullet Forceps .....	\$ 1.75
B/-5205 Reiner's Bullet Forceps, with 4 prongs .....	2.50
B/-5206 Reiner's Bullet Forceps, with 8 prongs .....	2.50
B/-5207 Reiner's Bullet Forceps, concave, serrated jaws .....	2.75
B/-5211 Senn's Bullet Forceps .....	2.00



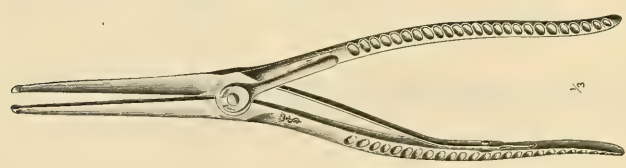
B/-5215



B 5216



B -5219



B 5225



B/-5221

### Bullet Extracting Instruments

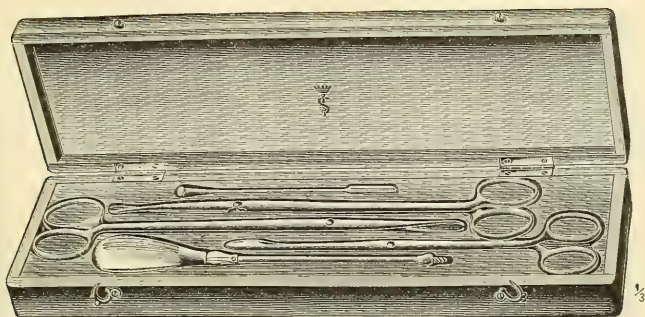
#### Forceps (Continued)

	Each
B/-5215 Tiemann's Bullet Forceps, plain.....	\$ 1.50
B/-5216 Tiemann's Bullet Forceps, with catch.....	1.75
B/-5219 U. S. A. Model Bullet Forceps.....	1.75
B/-5221 Weiss' Bullet Forceps, spiral.....	5.00

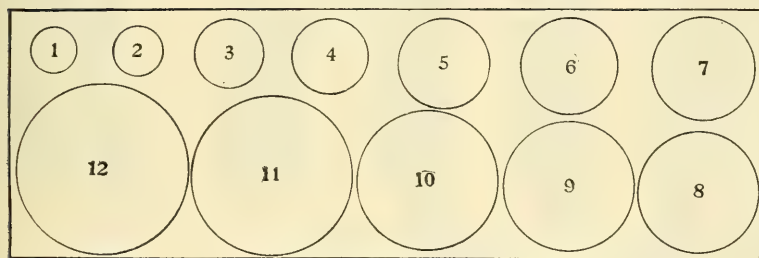
#### Dilators

B/-5225 Bigelow's Sinus Dilator.....	3.50
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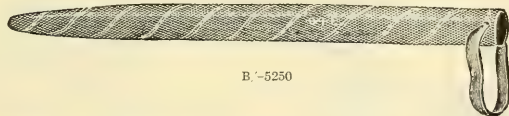




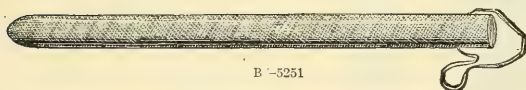
B/-5230



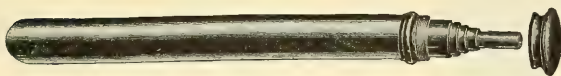
Comparative scale of sizes of B/-5250, B/ 5251, B/-5265 and B/-5266



B/-5250



B/-5251



B/-5260

## Bullet Extracting Instruments

### Extracting Sets

B/-5230 Bullet Extracting Set, in polished case ..... Each \$ 9.00

#### Containing:

2 Tiemann's Bullet Forceps, plain      1 Nelaton's Bullet Probe  
1 Loeffler's Bullet Forceps      1 Baudens' Bullet Screw

### Rectal Dilators, Specula, Etc.

B/-5250 Elastic Web Dilators, conical end, sizes 1 to 12. .... .90  
B/-5251 Elastic Web Dilators, cylindrical end, sizes 1 to 12. .... .75  
B/-5260 Hard Rubber Dilators, set of 6, telescoping ..... 3.00



B/-5265



B/-5266



B/-5284



B/-5285



B/-5278



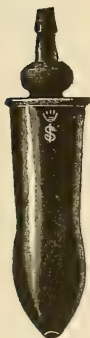
B/-5286



B/-5291



B/-5272-74



B/-5295-96



B/-5301-02

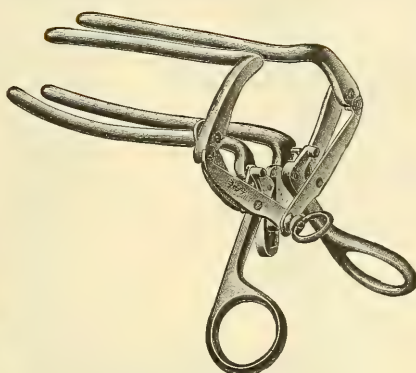
## Rectal Dilators, Specula, Etc.

(Continued)

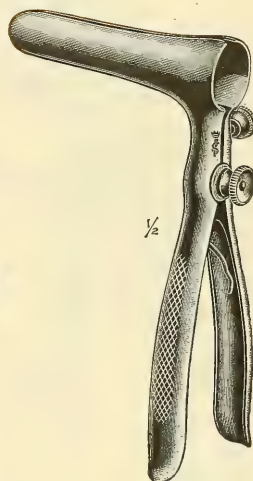
		Each
B/-5265	Soft Rubber Dilators, conical end, 12 sizes:	
	Sizes 1 to 3.....	\$ 1.25
	Sizes 4 to 6.....	1.75
	Sizes 7 to 9.....	2.25
	Sizes 10 to 12.....	3.00
B/-5266	Wales' Soft Rubber Dilators, olive pointed end, 12 sizes:	
	Sizes 1 to 3.....	1.25
	Sizes 4 to 6.....	1.75
	Sizes 7 to 9.....	2.25
	Sizes 10 to 12.....	3.00
B/-5272	Hegar's Rectal Dilator, set of 25, hard rubber.....	17.50
B/-5274	Hegar's Rectal Dilator, set of 25, hollow metal, in wooden case.....	24.00
B/-5278	Kelly's Rectal Dilator, sphincter.....	2.50
B/-5284	Pratt's Rectal Dilator, with screw cap, 6 sizes, $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{3}{4}$ , 1, 1 $\frac{1}{8}$ and 1 $\frac{3}{8}$ inches.....	1.25
B/-5285	Pratt's Rectal Dilator, with inflow and outflow tubes, 6 sizes, $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{3}{4}$ , 1, 1 $\frac{1}{8}$ and 1 $\frac{3}{8}$ inches.....	1.50
B/-5286	Pratt's Rectal Dilator, self-retaining, 5 sizes, $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{3}{4}$ , 1, 1 $\frac{1}{8}$ and 1 $\frac{3}{8}$ inches.....	1.50
B/-5291	Sims' Rectal Dilator.....	2.50
B/-5295	Weirick's Rectal Dilator, hard rubber, 3 sizes.....	1.35
B/-5296	Weirick's Rectal Dilator, hard rubber, set of 3.....	3.50
B/-5301	Young's Rectal Dilator, hard rubber, 4 sizes.....	1.00
B/-5302	Young's Rectal Dilator, hard rubber, set of 4.....	3.00



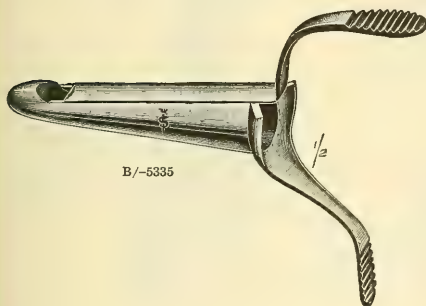
B/-5320



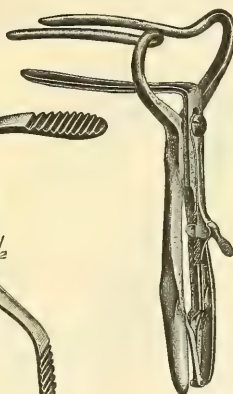
B/-5322



B/-5331



B/-5335



B/-5340

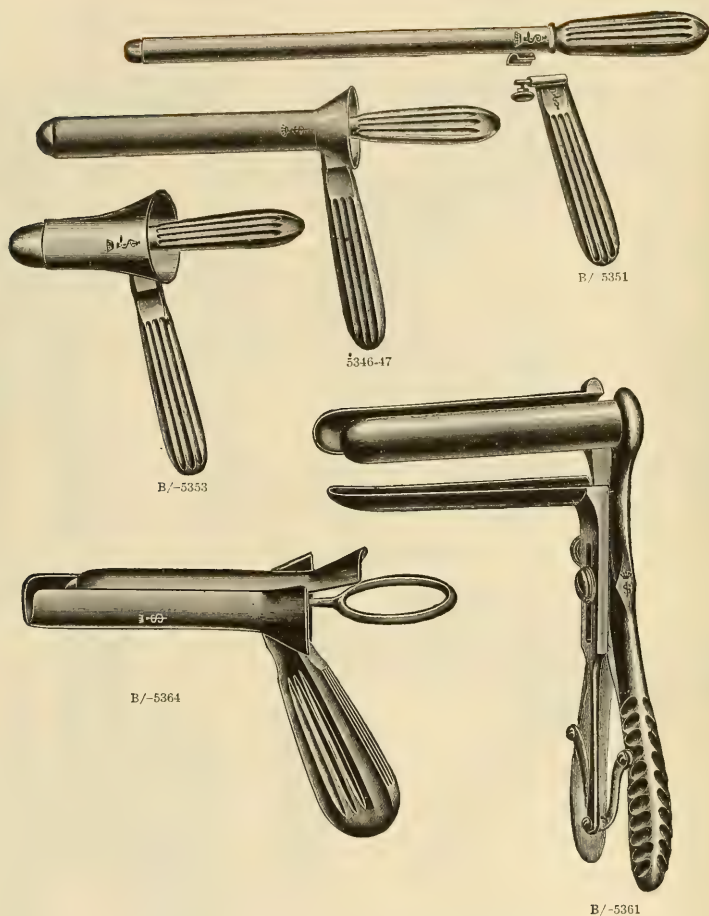


B/-5326

### Rectal Dilators, Specula, Etc.

(Continued)

	Each		Each
B/-5320 Allingham's Rectal Speculum, conical, with plug.....	\$ 2.75	B/-5331 Bodenhamer's Rectal Speculum, bivalve.....	\$ 1.50
B/-5322 Allingham's Rectal Speculum, steel, 4 bladed.....	9.00	B/-5335 Brinkerhoff's Rectal Speculum, with slide.....	3.00
B/-5326 Ashton's Rectal Speculum, glass, silvered inside and black outside, 3 sizes, $\frac{3}{4}$ , $\frac{7}{8}$ and 1 inch.....	.75	B/-5340 Cook's Rectal Speculum, steel, 3 bladed.....	6.50



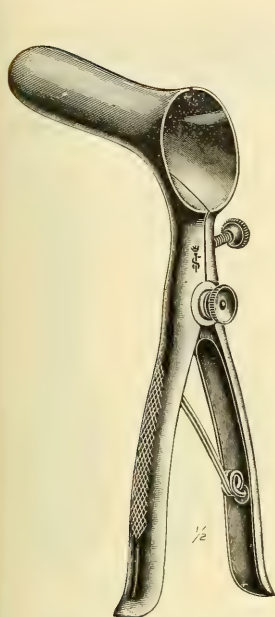
## Rectal Dilators, Specula, Etc.

(Continued)

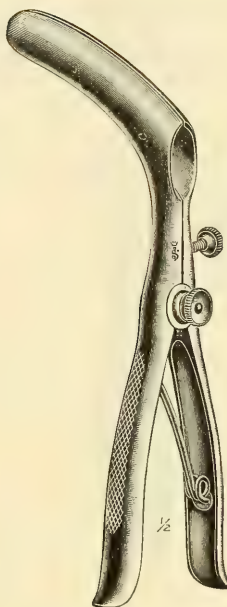
	Each		Each
B/-5346 Kelly's Rectal Proctoscope, 5½ inches long, ⅞ inch diameter. . . .	\$ 2.00	B/-5353 Kelly's Rectal Sphincteroscope, 2 inches long. . . . .	\$ 3.00
B/-5347 Kelly's Rectal Proctoscope, 8 inches long, ⅞ inch diameter. . . . .	2.50	B/-5361 Mathieu's Rectal Speculum, steel, 3 bladed. . . . .	6.50
B/-5351 Kelly's Rectal Sigmoidoscope, 17 inches long. . . . .	4.00	B/-5364 Murray's Rectal Speculum, with slide. . . . .	3.75

CO.'S T

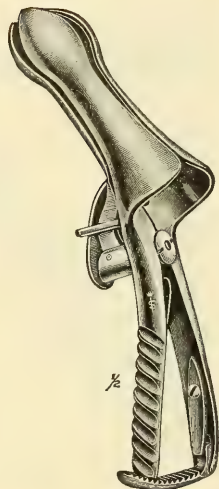




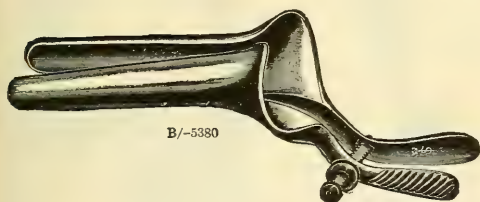
B/-5370



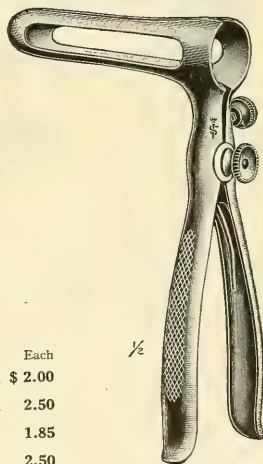
B/-5375



B/-5373



B/-5380

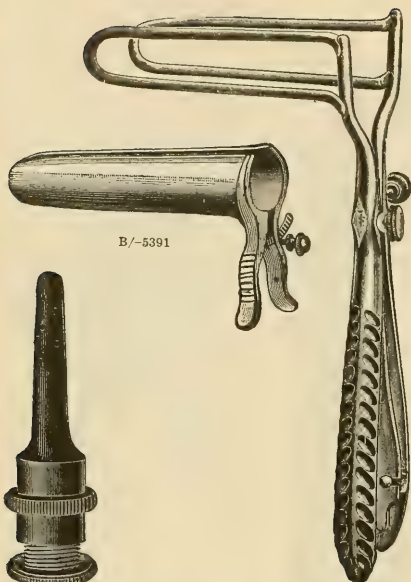


B/-5385

## Rectal Dilators, Specula, Etc.

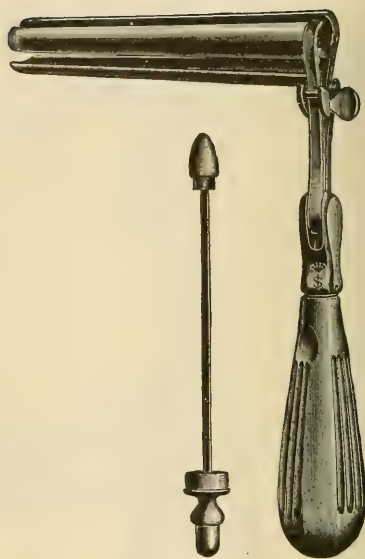
(Continued)

	Each
B/-5370 Pratt's Rectal Speculum, bivalve.....	\$ 2.00
B/-5373 Pratt's Rectal Speculum, trivalve.....	2.50
B/-5375 Pratt's Rectal Speculum, sigmoid.....	1.85
B/-5380 Ricord's Rectal Speculum.....	2.50
B/-5385 Sims' Rectal Speculum, fenestrated.....	1.50



B/-5391

B/-5419



B/-5387

B/-5395-96



B/-5405



B/-5407



B/-5410



B/-5413



B/-5416

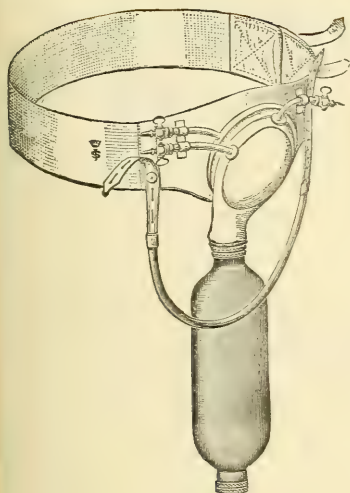
## Rectal Dilators, Specula, Etc.

(Continued)

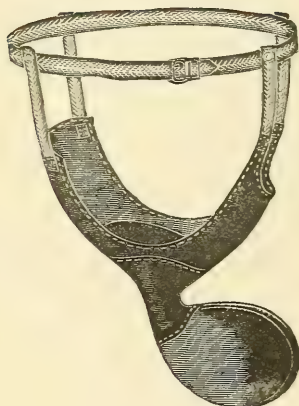
	Each
B/-5387 <b>Sims' Rectal Speculum, steel</b> .....	\$ 3.75
B/-5391 <b>Strange's Rectal Speculum</b> .....	2.50
B/-5395 <b>Weiss' Rectal Speculum, with obdurator</b> .....	10.00
B/-5396 <b>Weiss' Rectal Speculum, with obdurator, fenestrated</b> .....	13.50

## Pile Pipes

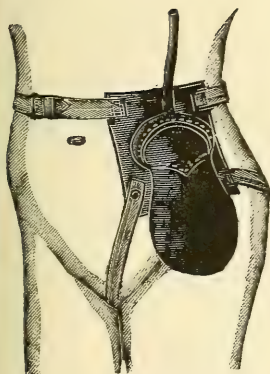
B/-5405 <b>Plain Pile Pipe</b> .....	.60
B/-5407 <b>Plain Pile Pipe, with screw cap</b> .....	.90
B/-5410 <b>Bolton's Pile Pipe</b> .....	.60
B/-5413 <b>"Dumb-Bell" Pile Pipe</b> .....	.90
B/-5416 <b>Hammer Pile Pipe</b> .....	1.00
B/-5419 <b>Seeley's Pile Pipe, for ointments</b> .....	.50



B/-5425



B/-5432



B/-5428

### Artificial Anus

- |   | Each           |
|---|----------------|
| B/-5425 Receptacle for artificial anus, soft rubber, with belt, French pattern, for left side | <b>\$35.00</b> |
| B/-5428 Receptacle for artificial anus, modified pattern, with belt, for either side...       | <b>12.00</b>   |
| B/-5432 Receptacle for natural anus, with belt...   | <b>10.00</b>   |

## The Universal Illuminated Instruments

During the past few years, electrically illuminated instruments of many different constructions have been offered to the Medical Profession.

Some have been very satisfactory but many—in fact the majority—do not give the desired results. In the faulty instruments, usually the means of illumination is incorrect. You recall that frequently the light is inserted through the instrument to the distal end. Sometimes this form of construction obstructs part of the field under examination; at others it is uncomfortable to the patient because of the heat generated; then again, it frequently interferes with the making of applications.

It has happened that the tuft of medicated cotton became dislodged by coming in contact with the distally placed lamp and has proved difficult to recover. Then, too, with this type a separate light carrier is required for each length of instrument and as the lamps must be very small, there is a relatively high expense for their constant renewal.

In the "Ideal" illuminated instruments, these objections are entirely overcome. In the first place only one illuminator is required for all the instruments irrespective of their length or use; so an extra lamp or two will assure you of being able to complete any examination. Then there is no time lost in selecting the proper light carrier, for the "Ideal" illuminator eliminates all light carriers.

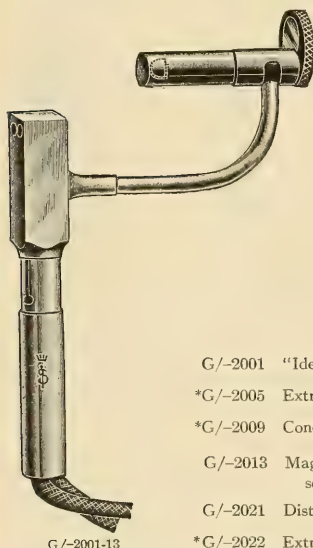
Sterilization is simplified and absolute for the illuminating element is removed from the instrument before placing it in the instrument sterilizer.

Since the lamp is outside the body, no heat radiation affects the tissues; and as it is comparatively large, the lamp does not break as readily as a smaller size.

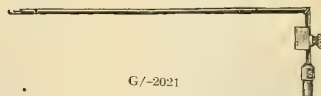
The field of vision is the maximum permitted by the instrument and, since the value of the illumination depends upon reflected light, all the rays are brought into action.

In the "Ideal" illuminator, all our knowledge and skill is concentrated to make it thoroughly efficient.

As many prefer Distal illumination, any instruments can be used with light carrier G/-2021 as well as the "Ideal" illuminator, so to the Medical Profession we offer the "Universal" illuminated instruments.



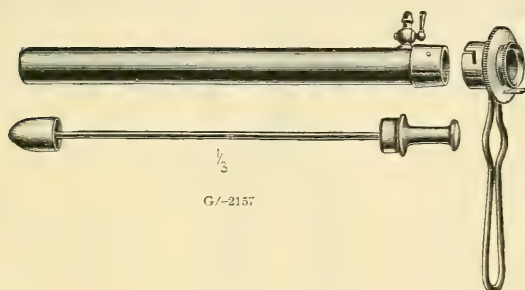
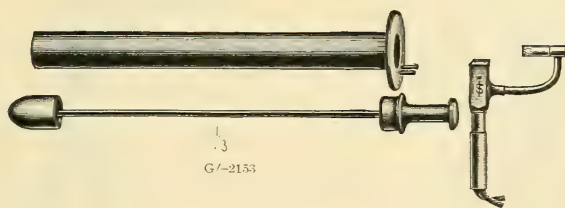
G/-2001-13



G/-2021

	Each
G/-2001 "Ideal" Illuminator, with lamp, but without cord or lens .....	\$ 4.00
*G/-2005 Extra Lamps, for above .....	1.00
*G/-2009 Conducting Cord, 6 feet, for above .....	1.50
G/-2013 Magnifying Lens, to use in connection with Urethroscopic or rectoscopic tubes, can readily be moved out of the field of vision....	.75
G/-2021 Distal Illuminator, with lamp .....	4.00
*G/-2022 Extra Lamps, for above .....	.75

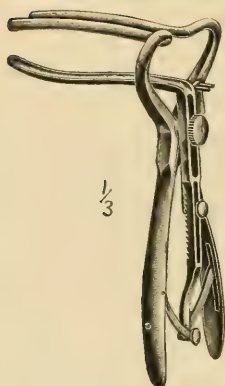




### Illuminated Instruments

(Continued)

		Each
G/-2153	Rectal Tubes, made in 2 lengths, 15 and 20 cm., and in 5 diameters, 45, 50, 55, 60 and 65, French scale.	\$ 5.00
	"Ideal" Illuminator, for above.	4.00
	Distal Illuminator, for above.	4.00
G 2157	Pneumatic Procto-Sigmoidoscope, consisting of a tube made in lengths of 25 and 30 cm., size 60, French scale, provided with a stopcock for air dilatation. To facilitate introduction an obturator is supplied. To permit dilatation a window is fitted at the rear of the instrument, locking by means of a bayonet fitting; this renders the instrument air-tight instantaneously without lengthy manipulation. The detachable handle is adjustable so it can be placed out of the way. Complete, with Distal Illuminator, extra lamp and cord.	20.00
*G/-2161	Strauss' Original Pneumatic Procto-Sigmoidoscope, in hardwood case.	35.00
	Consisting of:	
	1 Retroscope, 35 cm. long by 25 cm. in diameter.	
	1 Light Carrier, with operating window and dilating attachment.	
	1 Detachable Handle.	
	1 Obturator.	
	1 Cotton Carrier, with detachable handle.	
	1 Brush Applicator.	
	1 Powder Blower.	
	1 Conducting Cord, for illumination.	
	2 Extra Lamps.	



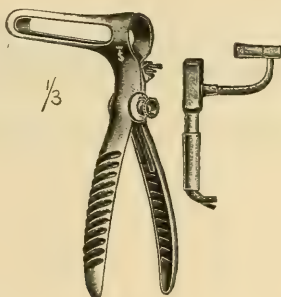
1/3

G/-2189



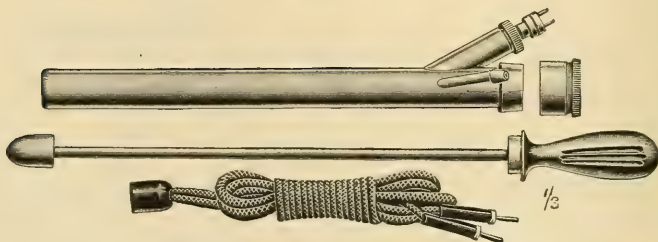
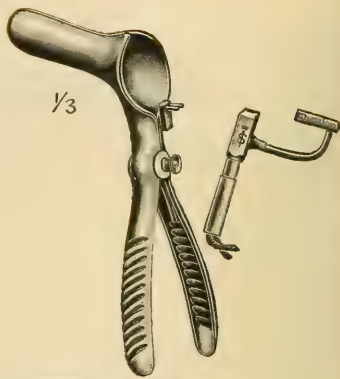
1/3

G/-2173



1/3

G/-2177



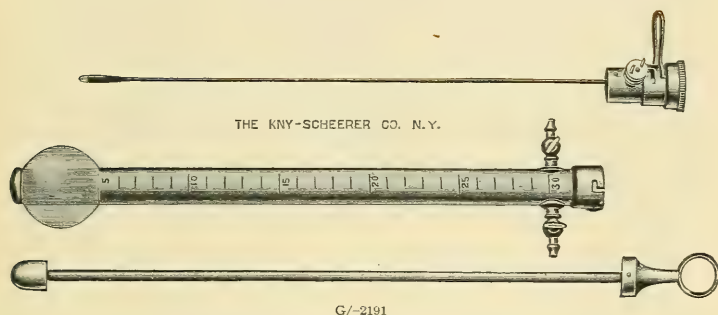
1/3

G/-2190

### Illuminated Instruments

(Continued)

	Each
G/-2173 <b>Sims' Rectal Speculum</b> .....	\$ 2.50
G/-2177 <b>Pratt's Rectal Speculum</b> .....	3.00
G/-2189 <b>Cook's Rectal Speculum</b> .....	8.00
Ideal Illuminator, for above.....	4.00
Distal Illuminator, for above.....	4.00
G/-2190 <b>Roberts' Pneumatic Procto-Sigmoidoscope</b> , consisting of 2 silver-plated tubes, 22 mm. diameter and 20 and 30 cm. long, with nipple for air inflating, and tube to carry illuminator.....	35.00

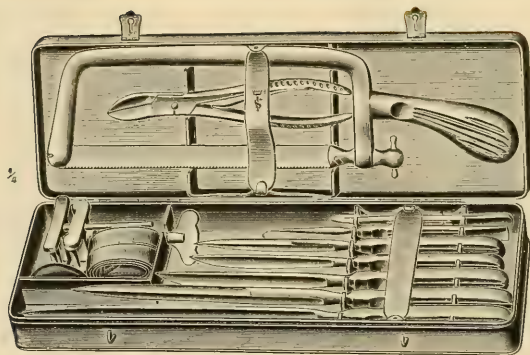


## Illuminated Instruments

(Continued)

Each

- G/-2191 **Beer's** (Edwin) Recto-Romanoscope, complete in case, for examination of the bowel and for direct therapeutic application to rectum and the sigmoid. This instrument is a modification of the Tuttle-Strauss Sigmoidoscope. The dilatable balloon at the distal end marks an improvement over previous instruments. This balloon assists in dilating the bowel, it is useful as a retractor and of great assistance in passing obstructive folds. This instrument has all the advantages of the Tuttle-Strauss instrument and in addition all the advantages inherent in this new dilatable balloon attachment. It is made 30 cm. in length with electric illumination at the bowel or distal end. The balloons are finger cots or fingers of rubber gloves and are readily attached by zinc oxide adhesive plaster.....\$ 22.50
- Extra Lamps, for same..... 1.00



B/-5460

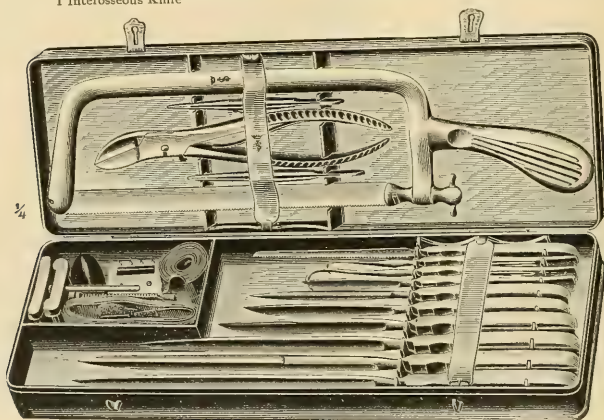
### Operating Sets

B/-5460 Amputating Set, in aseptic metal case. ....

Each  
..... \$ 39.00

#### Contents:

- |                                  |                           |
|----------------------------------|---------------------------|
| 1 Petit's Tourniquet             | 1 Tenaculum               |
| 1 Amputating Knife, long         | 1 Fricke's Artery Forceps |
| 1 Catling Knife, medium          | 1 Liston's Bone Forceps   |
| 1 Langenbeck's Flap Knife, large | 1 Charriere's Bone Saw    |
| 1 Langenbeck's Flap Knife, small | 6 Needles                 |
| 1 Interosseous Knife             |                           |



B 5463

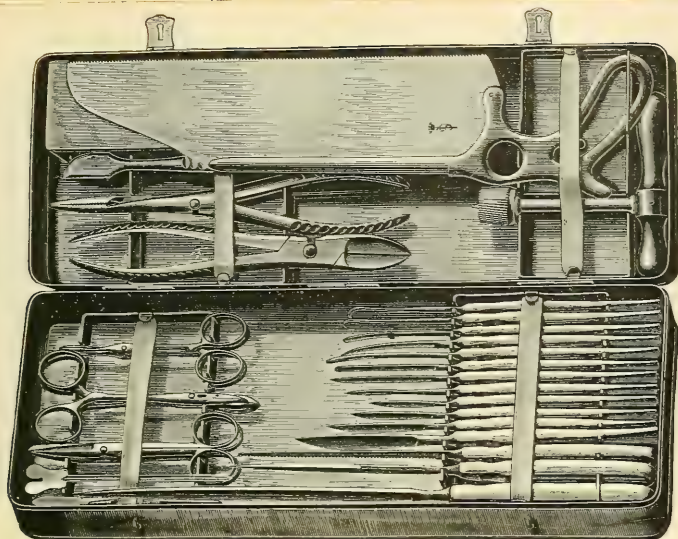
B/-5463 Amputating Set, in aseptic metal case. ....

..... 42.00

#### Contents:

- |                                  |                                |
|----------------------------------|--------------------------------|
| 1 Petit's Tourniquet             | 1 Periosteal Scalpel           |
| 1 Field Tourniquet               | 1 Tenaculum                    |
| 1 Amputating Knife, long         | 1 Aneurism Needle              |
| 1 Amputating Knife, medium       | 2 Langenbeck's Artery Forceps  |
| 1 Catling Knife, long            | 1 Liston's Bone Forceps, large |
| 1 Langenbeck's Flap Knife, large | 1 Charriere's Bow Saw, large   |
| 1 Langenbeck's Flap Knife, small | 1 Langenbeck's Metacarpal Saw  |
| 1 Interosseous Knife             | 8 Needles                      |





B/-5466-67

### Operating Sets

(Continued)

B/-5466	Amputating and Resecting Set, in aseptic metal case.....	Each <b>\$55.00</b>
B/-5467	Amputating and Resecting Set, in fine brass-bound walnut case, with metal trays for sterilizing instruments.....	<b>50.00</b>

#### Contents:

1 Amputating Knife, medium; 1 Interosseous Knife; 1 Periosteal Knife; 11 Minor Operating Knives; 1 Langenbeck's Metacarpal Saw; 1 Satterlee's Saw; 1 Elevator and Raspator; 1 Liston's Bone Forceps; 1 Sequestrum Forceps; 1 Roberts' Trephine; 1 Straight Scissors, 4½ inches; 1 Curved Scissors, 4½ inches; 2 Pean's Haemostatic Forceps; 1 Tait's Haemostatic Forceps; 1 Little's Haemostatic Forceps; 1 Fricke's Artery Forceps; 1 Director and Tongue Tie; 1 Probe, 3 part; Needles and Silk.

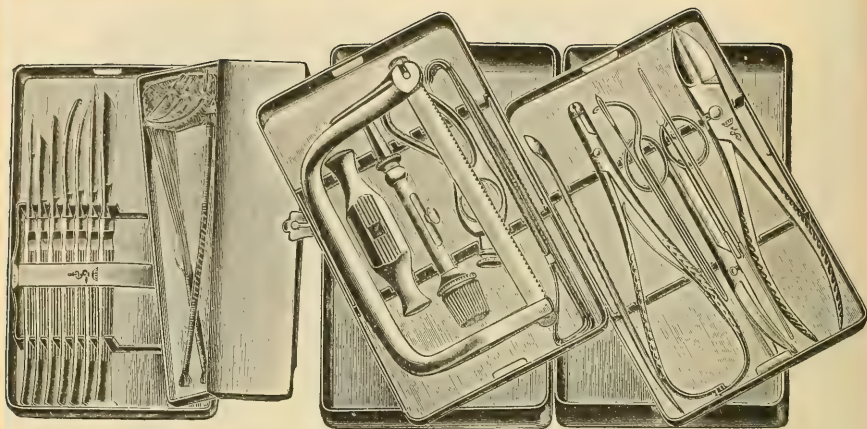


B/-5468

B/-5468	Compact Operating Set, in morocco-covered, leather lined case .....	Each <b>\$18.00</b>
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#### Contents:

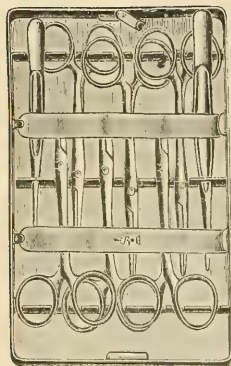
1 Amputating Knife, small  
1 Amputating Saw  
5 Minor Operating Knives  
1 Liston's Bone Forceps  
1 Thumb Forceps  
1 Straight Scissors, 4½ inches  
1 Abbey's Needle Holder  
1 Pean's Haemostatic Forceps  
1 Esmarch's Tourniquet  
1 Director and Tongue Tie  
1 Pair Probes  
Needles and Silk



B/-5470

## Operating Sets

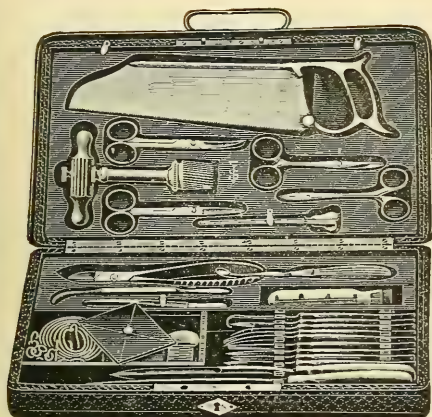
(Continued)



B/-5470 **Dr. E. W. Lee's Compact Operating Set**, in aseptic German silver case, with 4 metal trays, which may be removed for sterilization; size of case  $7\frac{3}{4} \times 4\frac{3}{4} \times 3$  inches. . . . . \$ 40.00

### Contents:

- 1 Scalpel, small
- 1 Scalpel, medium
- 1 Amputating Scalpel, large
- 1 Bistoury, curved, sharp pointed
- 1 Bistoury, curved, probe pointed
- 1 Tenotome
- 1 Finger Knife
- 1 Liston's Bone Forceps
- 1 Pair Probes
- 1 Straight Scissors,  $5\frac{1}{2}$  inches
- 1 Curved Scissors,  $5\frac{1}{2}$  inches
- 1 Director and Aneurism Needle
- 1 Lee's Bone Curette and Raspator
- 1 Ethridge's Needle Holder
- 1 Tissue Forceps,  $5\frac{1}{2}$  inches
- 3 Kocher's Haemostatic Forceps
- 3 Tait's Haemostatic Forceps
- 1 Tissue Forceps,  $4\frac{1}{2}$  inches
- 1 Lee's Bow Saw
- 1 Galt's Trepine
- 1 Pair Lee's Retractors
- 1 Hamilton's Bullet Probe
- Needles, Silk, etc., in metal box



B/-5472

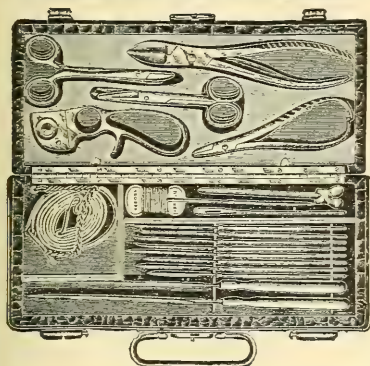
## Operating Sets

(Continued)

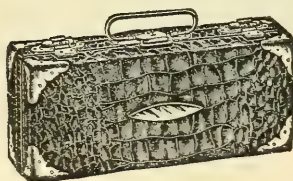
B/-5472 Compact Operating Set, in seal grain, leather lined case, with handles.....\$35.00

### Contents:

- 1 Amputating Knife, medium
  - 1 Catling Knife, small
  - 9 Minor Operating Knives
  - 1 Allis' Dry Dissector
  - 1 Director and Tongue Tie
  - 1 Volkmann's Bone Curette
  - 1 Liston's Bone Forceps
  - 1 Galt's Trephine
  - 1 Parker's Saw
  - 1 Esmarch's Tourniquet
  - 1 Straight Scissors
  - 1 Curved Scissors
  - 1 Pean's Hemostatic Forceps
  - 1 Tait's Hemostatic Forceps
  - 1 Thumb Forceps
  - 1 Ligature Bottle, with 3 glass spools
  - 1 Pair Probes
- Needles and Silk



B/-5474

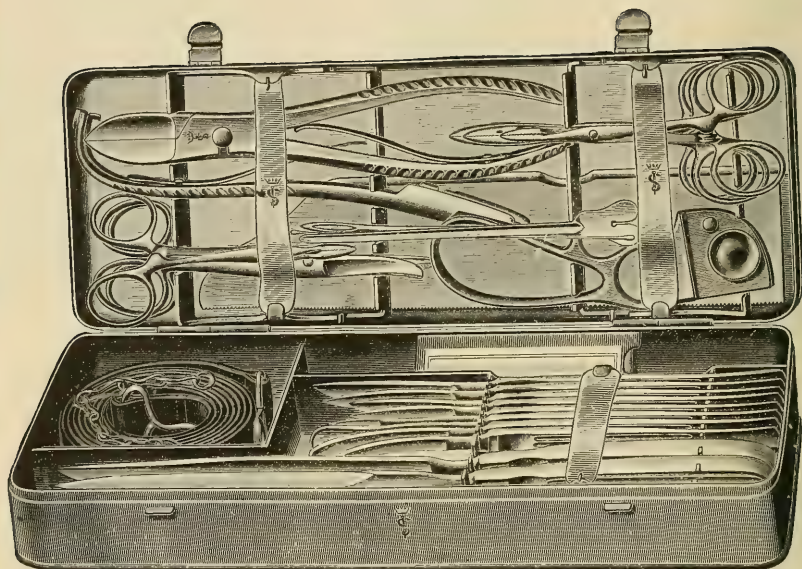


B/-5474 Compact Operating Set, in metal cornered, leather covered case, with handles.....\$25.00

### Contents:

- 1 Amputating Knife, medium
  - 1 Catling Knife, medium
  - 8 Minor Operating Knives
  - 1 Mathieu's Needle Holder
  - 1 Liston's Bone Forceps
  - 1 Straight Scissors
  - 1 Curved Scissors
  - 1 Satterlee's Saw
  - 2 Tait's Hemostatic Forceps
  - 2 Pean's Hemostatic Forceps
  - 1 Esmarch's Tourniquet
  - 1 Director and Tongue Tie
  - 1 Pair Probes
- Needles and Silk





B/-5475

## Operating Sets

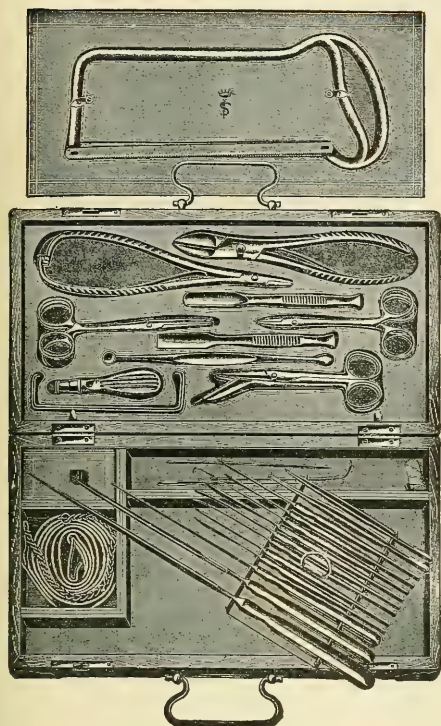
(Continued)

B/-5475 Compact Operating Set, in aseptic metal case..... \$ 32.00

### Contents:

- |                            |                             |
|----------------------------|-----------------------------|
| 1 Amputating Knife, medium | 1 Satterlee's Saw           |
| 1 Catling Knife, medium    | 2 Tait's Hæmostatic Forceps |
| 8 Minor Operating Knives   | 2 Pean's Hæmostatic Forceps |
| 1 Mathieu's Needle Holder  | 1 Esmarch's Tourniquet      |
| 1 Liston's Bone Forceps    | 1 Director and Tongue Tie   |
| 1 Straight Scissors        | 1 Pair Probes               |
| 1 Curved Scissors          | Needles and Silk            |





B/-5478



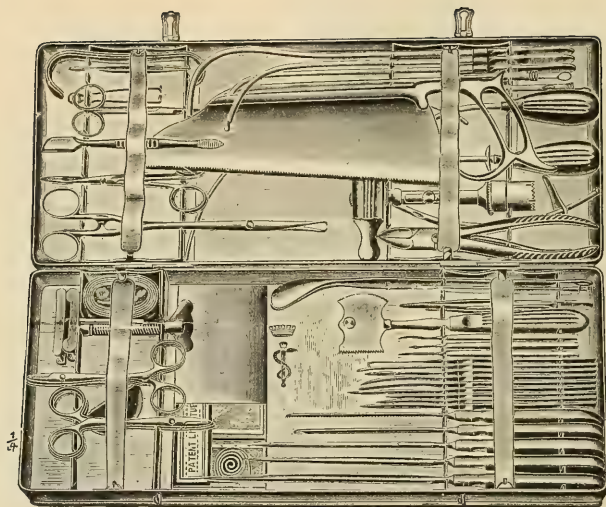
## Operating Sets

(Continued)

B/-5478 Compact Operating Set, in fine polished oak case, leather lined, with heavy nickel corners, knives in removable metal rack for sterilization..... \$ 45.00

### Contents:

- |                               |                                  |
|-------------------------------|----------------------------------|
| 1 Amputating Knife            | 2 Kocher's Hemostatic Forceps    |
| 1 Catling Knife               | 1 Kelly's Hemostatic Forceps     |
| 8 Minor Operating Knives      | 1 Bone Curette, double-ended     |
| 1 Langenbeck's Metacarpal Saw | 1 Straight Scissors, 5 inches    |
| 1 Thumb Forceps, 5 inches     | 1 Curved Scissors, 5 inches      |
| 1 Tissue Forceps, 5 inches    | 1 Bandage Scissors, 5 1/2 inches |
| 1 Windler's Bow Saw           | 1 Pair Farabeuf's Retractors     |
| 1 Mathieu's Needle Holder     | 1 Reversible Trocar              |
| 1 Liston's Bone Forceps       | 1 Esmarch's Tourniquet           |
| 1 Plain Bone Chisel           | 1 Pair Probes                    |
| 1 Plain Bone Gouge            | 1 Director, with aneurism needle |
| 2 Tait's Hemostatic Forceps   | Needles and Silk                 |
| 2 Pean's Hemostatic Forceps   |                                  |



B/-5481-82

## Operating Sets

(Continued)

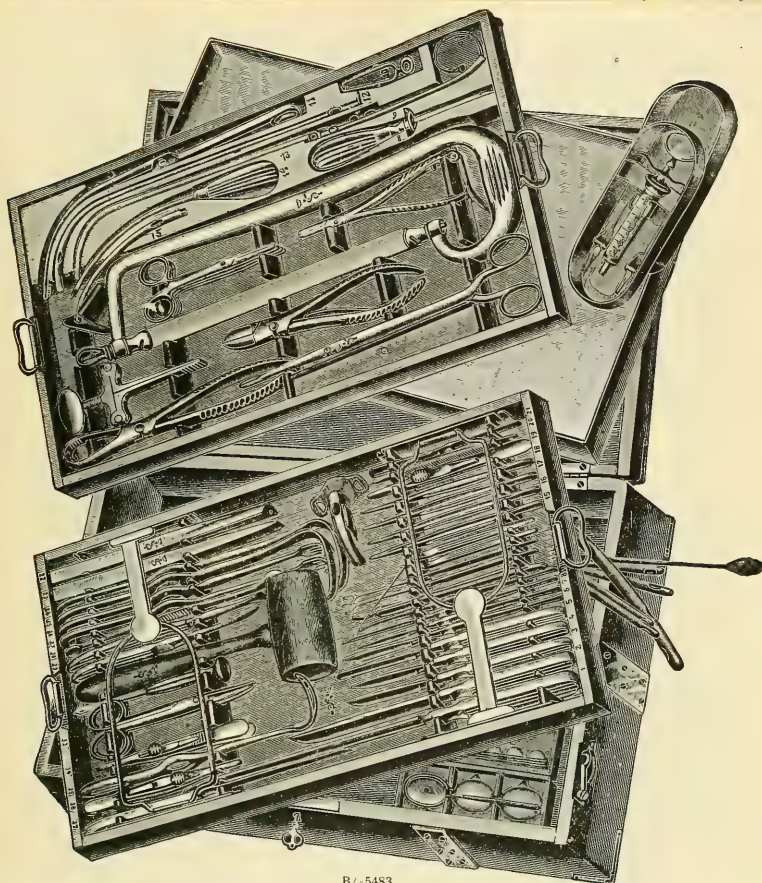
B/-5481	<b>Parker's</b> General Operating Set, in aseptic metal case .....	Each <b>\$ 75.00</b>
B/-5482	<b>Parker's</b> General Operating Set, in polished wooden case .....	<b>70.00</b>

### Contents:

1 Amputating Knife, large  
1 Amputating Knife, small  
1 Catling Knife, small  
9 Minor Operating Knives  
1 Parker's Blade Saw  
1 Langenbeck's Metacarpal Saw  
1 Hey's Skull Saw  
1 Galt's Trephine  
1 Elevator and Raspatory  
1 Pair Parker's Retractors  
1 Thumb Forceps  
1 Thumb Forceps, with spring catch

1 Polypus Dressing Forceps  
1 Liston's Bone Forceps  
Petit's Tourniquet  
1 Tiemann's Bullet Forceps  
1 Paracentesis Trocar  
1 Exploring Trocar  
1 Rectum Trocar  
1 Director and Tongue Tie  
1 Pair Silver Probes  
1 Steel Sound  
2 Tait's Haemostatic Forceps

2 Male Catheters  
1 Little's Lithotomy Staff  
1 Markoe's Lithotomy Staff  
1 Little's Lithotomy Forceps  
1 Blizzard's Lithotomy Knife  
1 Graefe's Cataract Knife  
1 Parker's Lachrymal Needle  
1 Eye Couching Needle  
1 Strabismus Forceps  
1 Iris Scissors  
1 Noyes' Eye Speculum  
Needles, Silk, etc



B/-5483

B/-5483 General Operating Set, German Army pattern, in polished oak case, metal bound corners, canvas cover, with leather sling strap. . . . . \$ 140.00

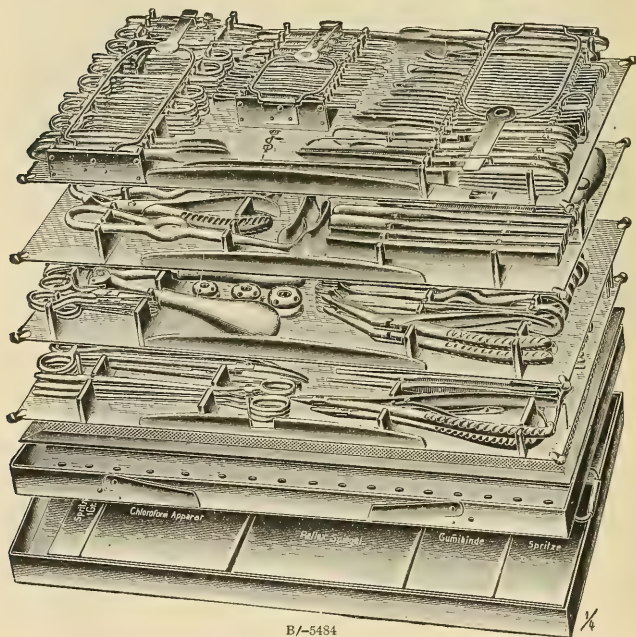
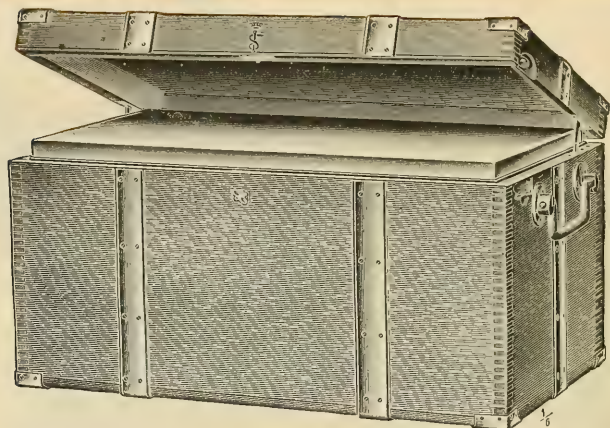
**Contents:**

- 1 Amputating Knife
- 1 Flap Knife
- 1 Probe Pointed Knife
- 3 Resection Knives
- 3 Scalpels
- 1 Vaccinating Lancet
- 1 Straight Scissors
- 1 Curved on Flat Scissors
- 1 Amputating Saw
- 1 Metacarpal Saw
- 1 Bone Holding Forceps
- 1 Bone Cutting Forceps
- 1 Chisel
- 1 Gouge
- 1 Hammer
- 1 Elevator
- 1 Raspatory
- 1 Drill
- 1 Bone Curette, sharp
- 2 Blunt Retractors
- 2 Sharp Retractors, 4 prongs
- 2 Tissue Forceps, mouse teeth

- 2 Thumb Forceps, plain serrations
- 4 Artery Forceps, slide catch
- 4 Haemostatic Forceps
- 1 Aneurism Needle
- 1 Roser's Sound
- 1 Flexible Probe, strong
- 1 Silver Trachea Canula
- 2 Sharp Trachea Retractors
- 1 Bosc's Trachea Dilator
- 2 Male Catheters, silver
- 4 Web Catheters
- 1 Bellocque's Epistaxis Canula
- 1 Throat Forceps
- 1 Probing
- 1 Mouth Gag
- 1 Stomach-Tube
- 1 Hydrocele Trocar, silver
- 1 Fleurant's Trocar, silver
- 1 Bullet Forceps
- 1 Aseptic Razor
- 1 Hypodermic Syringe
- 1 Nail Cleaner

- 1 Foreign Body Gouge
- 1 Ophthalmoscope
- 1 Head Band and Mirror
- 2 Laryngeal Mirrors
- 1 Handle for same
- 1 Set of 3 Ear Specula
- 1 Tympanum Perforator
- 1 Syringe, for local anaesthesia
- 3 Eye Droppers
- 6 Tooth Extracting Forceps
- 1 Caustic Holder
- 1 Tape Measure
- 1 Razor Hone
- 1 Elastic Bandage
- 1 Dressing Basin
- 1 Needle Holder
- 1 Coil of Silver Suture Wire
- Sundry Surgical Needles
- 1 Needle Case
- 1 Metal Case, with sterilized silk on metal spools
- Safety Pins





B/-5484

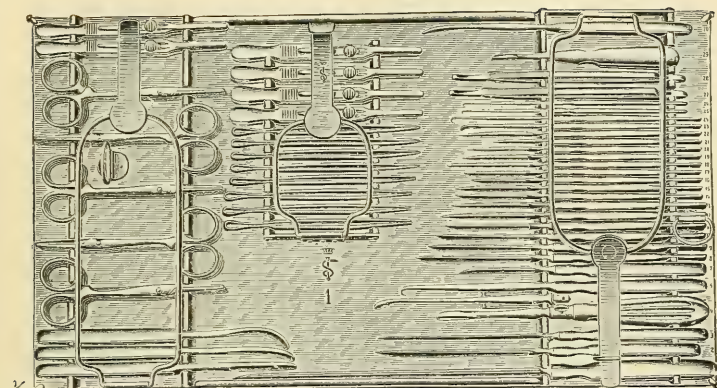
### Operating Sets

(Continued)

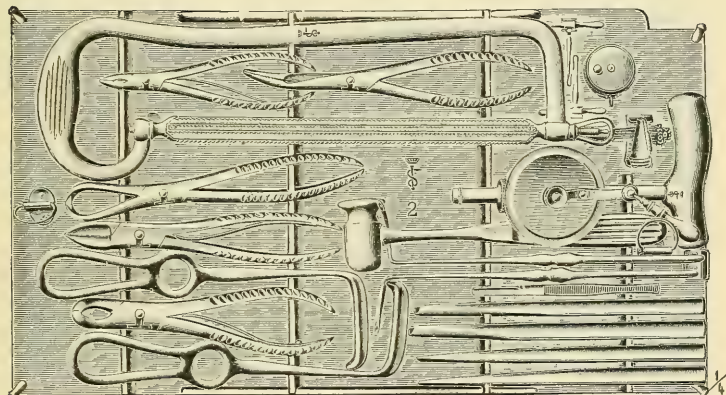
B/-5484 **Kuttner's Field Operating Case**, compact and transportable, instruments fitted in 6 metal trays, which are placed in a polished oak case,  $21\frac{1}{4}$  inches long x  $12\frac{3}{4}$  inches high x 11 inches wide, with canvas carrying pouch..... \$ 450.00

For detailed description of this case, see pages 2205 to 2208.





Tray No. 1



Tray No. 2

### Operating Sets (Continued)

#### B/-5484 Kuttner's Field Operating Case

The set also contains a copper sterilizer, for instruments and dressings; weight complete about 100 pounds. The assortment of instruments is very complete and suitable for major and minor surgery, besides eye, ear, nose and throat operations. This set is very valuable for ships, mining camps and field expeditions. The weight and size are not excessive and, therefore, the case can be transported very readily.

In order that the instruments may be easily replaced after use in their proper places, they are all stamped with numbers and the corresponding number stamped on bottom of tray.

#### Contents of Tray No. 1:

- 1 Amputating Knife
- 1 Phalangeal Knife
- 1 Langenbeck's Metacarpel Saw
- 1 Set of 2 Bone Curettes
- 1 Langenbeck's Tenaculum
- 1 Resection Knife
- 14 Minor Operating Scalpels
- 1 Minor Operating Tenotome

- 1 Cartilage Knife
- 1 Aneurism Needle
- 2 Tenacula
- 1 Razor
- 1 Skin Grafting Razor
- 1 Bone Raspatory
- 1 Bone Elevator

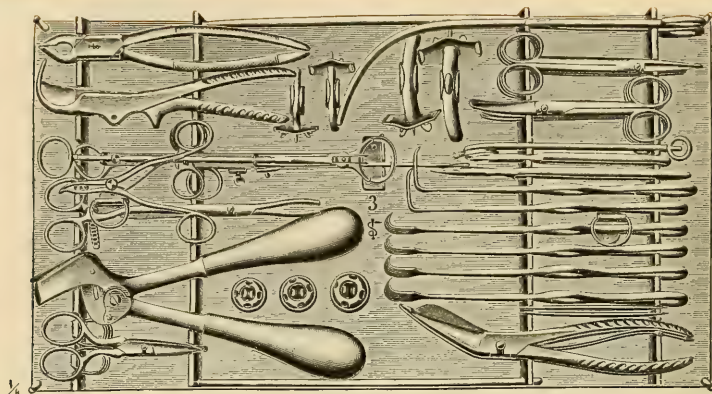
- 12 Langenbeck's Artery Forceps
- 4 Dressing Forceps
- 2 Tissue Forceps, 1x2 teeth
- 2 Tissue Forceps, 5x6 teeth
- 18 Haemostatic Forceps
- 1 Bruns' Raspatory
- 1 Raspatory, slightly curved
- 1 Raspatory, full curved

#### Contents of Tray No. 2:

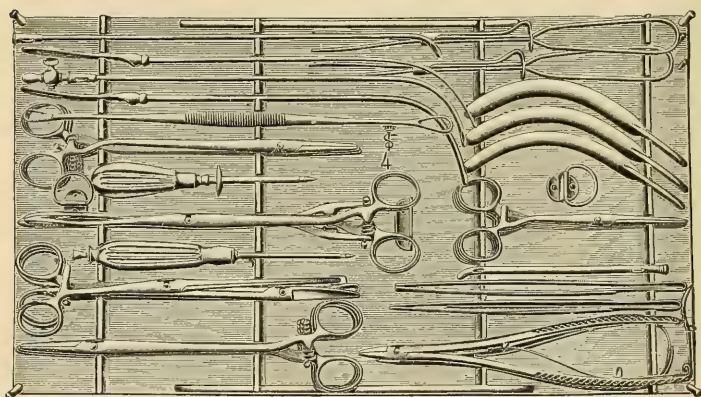
- 1 Rust's Amputating Saw.
- 24 Gigli's Wire Saws
- 1 pair of Handles for above
- 1 Steel Tape Measure
- 1 Sequestrum Forceps, curved
- 1 Luer's Bone Rongeur

- 1 Langenbeck's Bone Holding Forceps
- 1 Liston's Bone Cutting Forceps
- 1 Esmarch's Bone Rongeur
- 2 Retractors
- 2 Bone Chisels
- 2 Bone Gouges

- 1 Mastoid Gouge
- 1 Deschamps's Aneurism Needle, right
- 1 Deschamps's Aneurism Needle, left
- 1 Doyen's Mallet
- 1 Stille's Bone Drill
- 1 Set Ear Specula



Tray No. 3



Tray No. 4

## Operating Sets

(Continued)

### B/-5484 Kuttner's Field Operating Case

#### Contents of Tray No. 3:

- 2 Plaster Paris Scissors
- 2 Nail Cleaners
- 2 Volkmann's Retractors, 4 prongs
- 2 Volkmann's Retractors, 6 prongs
- 2 Langenbeck's Retractors
- 1 Esmarch's Plaster Paris Knife
- 1 Root Extractor
- 1 Bellocque's Epistaxis Canula

- 3 Straight Scissors
- 1 Straight Scissors, probe pointed
- 3 Curved Scissors
- 1 Laryngeal Forceps
- 1 Universal Tooth Forceps
- 1 Gluck's Rib Shears
- 1 Bruin's Nasal Snare

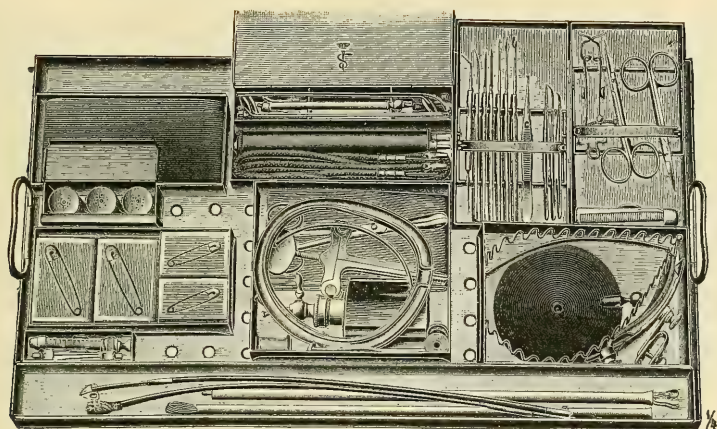
- 1 Mathieu's Tonsillotome
- 1 Trouseau's Tracheal Dilator
- 3 Murphy's Buttons
- 1 Murphy's Introducing Forceps
- 1 Stille's Plaster Paris Shears
- 2 Nail Scissors
- 4 Silver Trachea Tubes

#### Contents of Tray No. 4:

- 1 Mathieu's Needle Holder
- 1 Langenbeck's Needle Holder
- 1 Tissue Forceps, 3x4 teeth
- 1 Tissue Forceps, 4x5 teeth
- 1 Female Catheter
- 1 Pean's Haemostatic Forceps
- 3 Zweifel's Uterine Dilators

- 2 Walcher's Sponge Holders
- 6 Landau's Hysterectomy Forceps
- 1 Curved Uterine Scissors
- 1 Winter's Vulsellum Forceps
- 1 Uterine Polypus Forceps
- 2 Doyen's Intestinal Forceps
- 1 Hydrocele Trocar, plain

- 1 Hydrocele Trocar, with off-flow
- 1 Lithotomy Forceps
- 1 Blake's Uterine Curette
- 1 Lithotomy Staff
- 1 Sims' Uterine Sound
- 1 Catheter with stop-cock
- 1 Mercier's Catheter



Tray No. 5

## Operating Sets

(Continued)

### B/-5484 Kuttner's Field Operating Case

#### Contents of Tray No. 5:

- Metal Case, containing:
- 1 Coin Catcher and Probang hinged
  - 2 Directors and Tongue Ties
  - 5 Probes, double olive
  - 12 Snare Wires
- Metal Case, containing:
- 1 Schleich's Anaesthesia Syringe
- Metal Case, containing:
- 3 Spools Silk Sutures

- Metal Case, containing:
- 1 Elastic Web Bandage,  $2\frac{1}{2}$  in. wide
- Metal Case, containing:
- 1 Head Mirror,  $3\frac{1}{4}$ -inch
  - 1 Head Band, for above
- Metal Case, containing:
- 12 Dozen Suture Needles, assorted
  - 2 Spools Silver Wire
  - 2 Chain Saw Conductors

- Metal Case, containing:
- 1 Schimmelbusch's Mask
  - 1 Schimmelbusch's Drop Bottle
  - 1 Heister's Mouth Gag
  - 1 Esmarch's Tongue Forceps
- Metal Case, containing:
- 3 Laryngeal Mirrors
  - 1 Universal Handle
  - 1 Laryngeal Brush
  - 1 Hirschberg's Eye Magnet

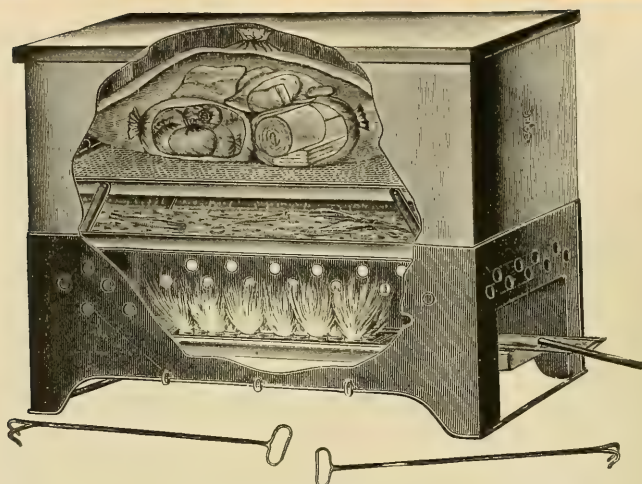
#### Contents of Tray No. 6: (Not Illustrated)

- Metal Case, containing:
- 1 Cystotome, double ended
  - 1 Wecker's Eye Spatula
  - 2 Graefe's Cataract Knives
  - 2 Jaeger's Keratotomy Knives
  - 1 Knapp's Iridectomy Spoon
  - 1 Graefe's Fixation Forceps
  - 1 Iris Forceps, straight
  - 1 Iris Forceps, curved

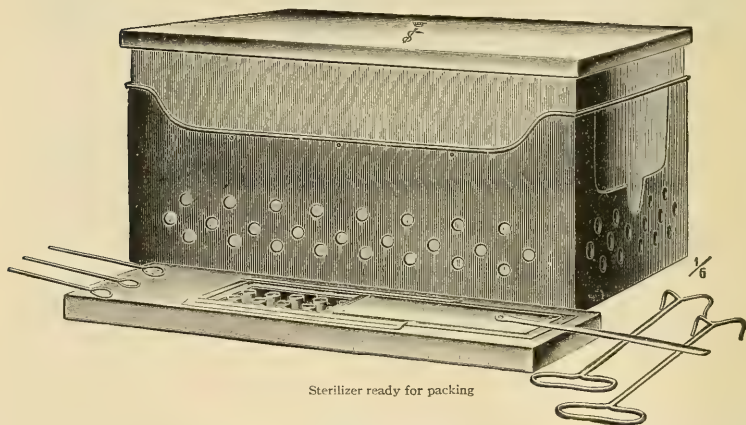
- 1 Schwegger's Capsular Forceps
  - 1 Graefe's Eye Speculum
  - 1 Iris Scissors, straight
  - 1 Iris Scissors, curved
  - 1 Tube Sterilized Catgut
- Metal Case, containing:
- 1 Set Drills and Burrs for Stille's Drill
- Metal Case, containing:
- 8 Dozen Safety Pins

- Metal Case, containing:
- 1 Walcher's Syringe, l.c.
- Metal Case, containing:
- 10 Soft Rubber Catheters
  - 12 Elastic Web Catheters
  - 3 Silk Filiform Bougies
  - 1 Soft Rubber Stomach Tube
  - 1 Elastic Web Stomach Tube
  - 1 Esmarch's Tubular Tourniquet





Sterilizer ready for use



Sterilizer ready for packing

## Operating Sets

(Continued)

### B/-5484 Kuttner's Field Operating Case

#### Directions:

The instrument trays are removed from the copper sterilizing pan and can be placed temporarily into a cabinet. The trays are numbered from top to bottom, and the instruments are stamped with numbers, and the corresponding number stamped on the bottoms of the trays and by means of the foregoing illustrations, can readily be placed in their proper places.

The copper pan is removed from the lacquered stand and the latter reversed and then the former placed upon same ready for sterilization.

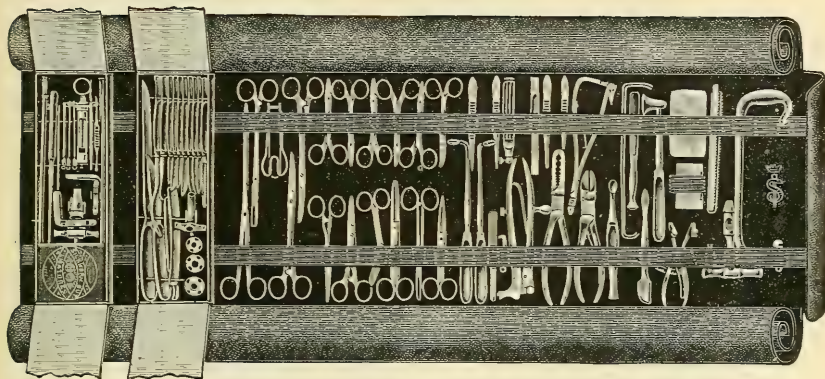
The pan is filled with 5 liters of water to which add about 25 grams of soda, and then place perforated tray No. 5 into the bottom of the copper pan.

For sterilizing dressings the perforated tray No. 6 with folding legs is used. The bottom of this tray is covered with a layer of cotton, over which is placed the wire net. The dressing to be sterilized is placed into the linen bag and securely tied, and the apparatus is ready for sterilizing both instruments and dressings.

The burner is filled with about 700 grams of alcohol, and after water has been brought to boiling point, close sliding cover on burner until two holes only are exposed, so as to avoid too rapid evaporation of the water.

After the water has been boiling for one-half an hour, extinguish flame and remove cover for about three minutes, so as to avoid wetting of dressings.





B/-5485

## Operating Sets

(Continued)

B/-5485 General Operating Set, U. S. A. pattern, in heavy washable canvas pouch, with 2 metal cases for knives and smaller instruments..... \$ 135.00

### Contents:

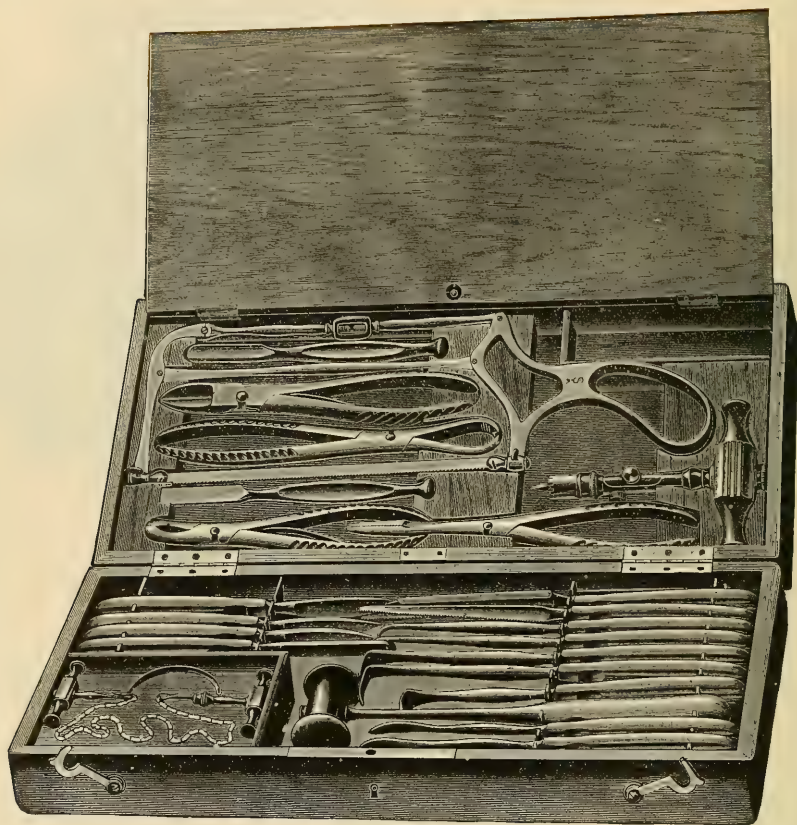
1 Bow Saw  
1 DeVilbiss' Trepine  
1 DeVilbiss' Rongeur  
1 Denhard's Mouth Gag  
1 Metal Case, with 24 needles  
1 Metal Mallet  
1 Bone Gouge, heavy  
1 Elevator and Raspator  
1 Ferguson's Curette and Raspator  
1 Pair Retractors, double-ended  
1 Liston's Bone Forceps  
1 Forwood's Bone Holding Forceps  
1 Truax's Needle Holder  
1 Splinter Forceps  
1 Thumb Forceps  
2 Tissue Forceps, 1x2 teeth  
1 Bone Chisel  
1 Brainard's Bone Drill  
1 Set 4 Trocars, pencil case  
1 Deschamp's Aneurism Needle, right  
1 Deschamp's Aneurism Needle, left  
1 Folding Tongue Depressor  
3 Tait's Haemostatic Forceps, straight

3 Tait's Haemostatic Forceps, curved  
1 Ethridge's Haemostatic Forceps, straight, 6 inches  
1 Ethridge's Haemostatic Forceps, straight, 8 inches  
1 Ethridge's Haemostatic Forceps, curved, 6 inches  
1 Ethridge's Haemostatic Forceps, curved, 8 inches  
1 Pratt's Haemostatic Forceps  
1 Straight Scissors, 6 1/2 inches  
1 Curved Scissors, 5 1/2 inches  
1 Bandage Scissors, 5 inches  
1 Senn's Bullet Forceps  
1 Elliott's Dressing Forceps, straight  
1 Metal Case

#### Containing:

1 Amputating Knife  
1 Cartilage Knife  
1 Aseptic Razor  
9 Minor Operating Knives  
1 Laparotomy Needle  
1 Silver Trachea Tube  
3 Murphy's Buttons

1 Metal Case  
Containing:  
2 Wyeth's Transfixion Pins  
1 Fluhrer's Bullet Probe  
1 Probe, double olive  
1 Aspirator, with 3 needles  
1 Silver Male Catheter  
1 Gouley's Tunneled Catheter  
1 Helical Needle  
2 Murphy's Intestinal Clamps  
1 Set 3 Ear Specula  
2 Gigli's Wire Saws, 12 inches  
2 Gigli's Wire Saws, 20 inches  
1 Gigli's Wire Saw, 30 inches  
1 Pair Handles, for above  
1 Dix's Eye Spud  
1 Gross' Ear Spoon and Hook  
1 Director, with Tongue Tie  
3 Cards Silk  
1 Coil Silk Worm Gut  
2 Coils Silver Wire



B/-5488

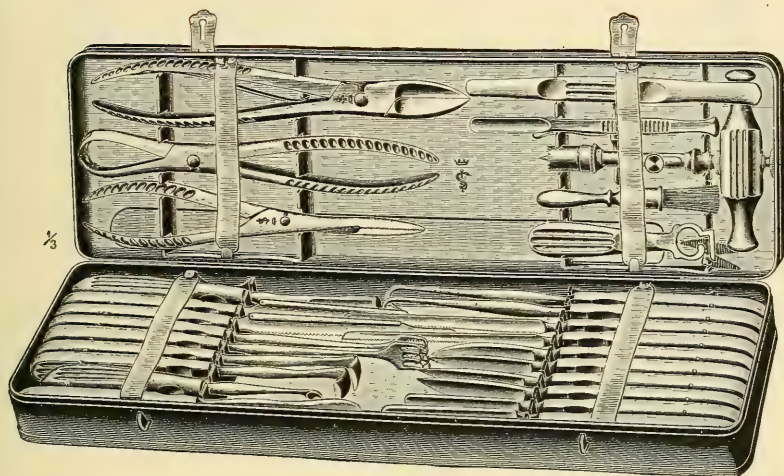
## Operating Sets

(Continued)

B/-5488 Resection Set, in polished wood case..... \$ 50.00

### Contents:

- |                                  |                                     |
|----------------------------------|-------------------------------------|
| 4 Resection Knives               | 1 Luer's Bone Rongeur               |
| 2 Langenbeck's Retractors        | 1 Sequestrum Forceps                |
| 2 Langenbeck's Tenacula          | 1 Langenbeck's Bone Holding Forceps |
| 1 Maw's Bow Saw                  | 1 Crown Trephine                    |
| 1 Jeffrey's Chain Saw            | 2 Langenbeck's Elevators            |
| 1 Langenbeck's Saw, plain        | 1 Langenbeck's Raspatory            |
| 1 Langenbeck's Saw, lifting back | 1 Gutsch's Bone Chisel              |
| 1 Liston's Bone Forceps          | 1 Gutsch's Bone Gouge               |
|                                  | 1 Lead Mallet                       |



B/-5489-90

## Operating Sets

(Continued)

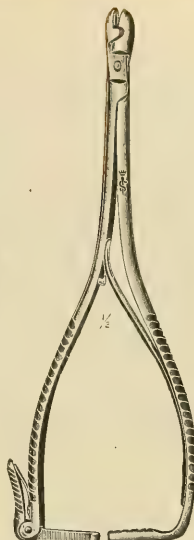
B/-5489	Trephining and Resection Set, in aseptic metal case .....	Each \$ 68.00
B/-5490	Trephining and Resection Set, in polished wood case, leather lined .....	50.00

### Contents:

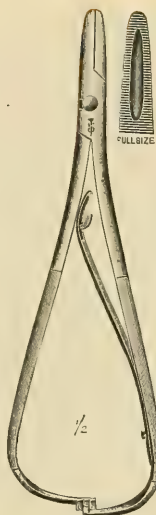
6 Resection Knives	2 Langenbeck's Tenacula
2 Langenbeck's Saws, plain	2 Volkmann's Retractors, 4 prongs
2 Langenbeck's Saws, lifting back	2 Langenbeck's Raspatories
1 Jeffrey's Chain Saw	1 Sayre's Elevator
1 Plain Bone Gouge	1 Langenbeck's Elevator
1 Volkmann's Bone Curette	1 Crown Trephine
1 Liston's Bone Forceps	1 Heine's Tirefond
1 Langenbeck's Bone Holding Forceps	1 Lenticular Knife
1 Sequestrum Forceps	1 Trephine Brush
	1 Strip of Zinc



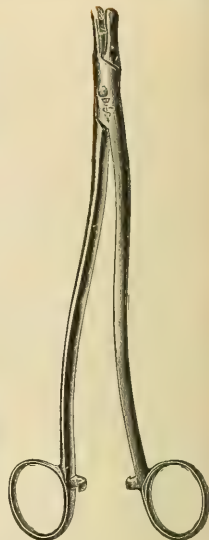
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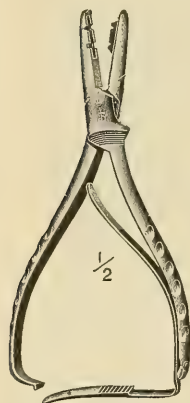
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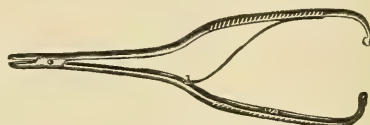
B/-5530



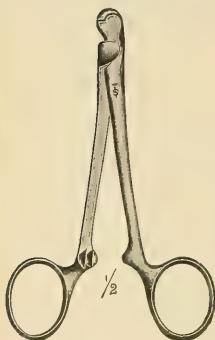
B/-5520



B/-5509-10



B. 5515



B/-5515

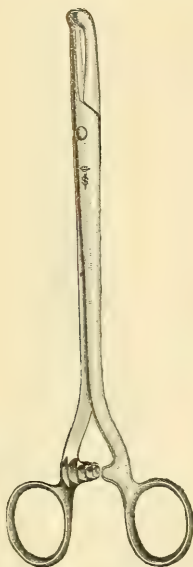
### Needle Holders

	Each
B/-5500 Abbey's Needle Holder, 4½ inches.....	\$ 1.50
B/-5501 Abbey's Needle Holder, 8 inches.....	2.00
B/-5509 Barnsby's Needle Holder, 5½ inches.....	3.75
B/-5510 Barnsby's Needle Holder, 7¼ inches.....	4.00
B/-5515 Boiffin's Needle Holder, for Hagedorn's Needles.....	1.75
B/-5518 Boynton's Needle Holder, for eye needles.....	3.00
B/-5520 Bozeman's Needle Holder, double bent.....	3.00
B/-5524 Brophy's Needle Holder.....	4.50
B/-5530 Cragin's Needle Holder.....	2.50

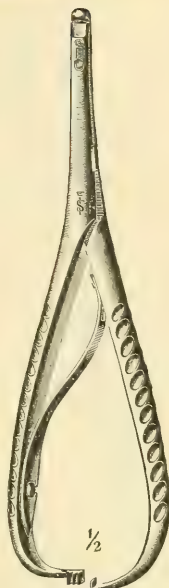




B/-5535



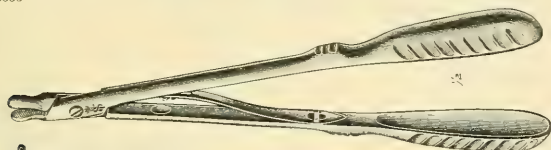
B -5542



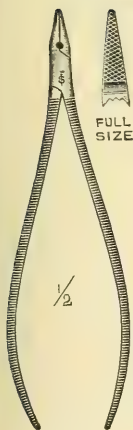
B/-5545



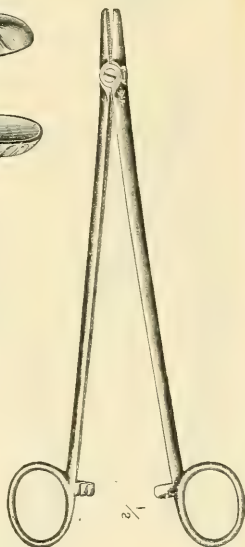
B -5549



B/-5548



B/-5533



B -5538

### Needle Holders

(Continued)

	Each
B -5533 Crile's Needle Holder, latest	\$ 2.00
B/-5535 Crile's Needle Holder, modified by Wood	2.50
B/-5538 Czermak's Needle Holder	3.00
B/-5542 Doyen's Needle Holder	2.75
B/-5545 Edebohls' Needle Holder	3.50
B/-5548 Emmett's Needle Holder	2.25
B/-5549 Emmett's Needle Holder, modified by Truax	3.00



B/-5553



B -5559-61



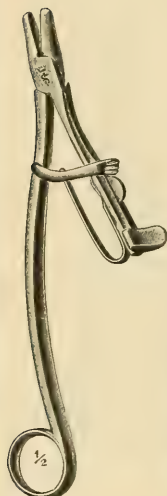
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B/-5578



B -5556



B/-5571



B/-5573

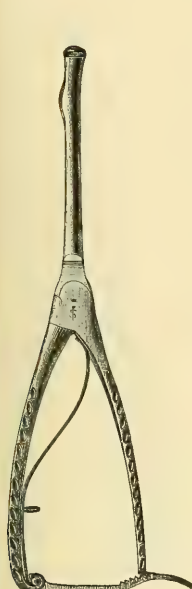


B/-5565

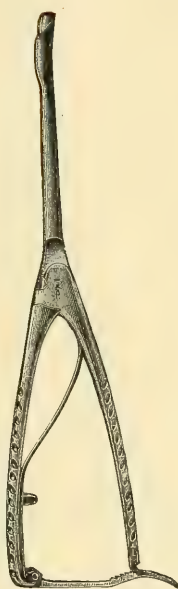
## Needle Holders

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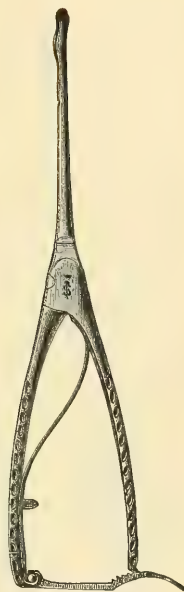
	Each
B/-5553 Ethridge's Needle Holder.....	\$ 2.50
B/-5556 Fisher's Needle Holder, for eye needles.....	3.00
B/-5559 Fritsch's Needle Holder, 6 inches.....	3.00
B/-5560 Fritsch's Needle Holder, 7 inches.....	3.00
B/-5561 Fritsch's Needle Holder, 8 inches.....	3.25
B/-5565 Galezowski's Needle Holders, for eye needles.....	2.00
B/-5571 Graser's Needle Holder.....	4.00
B/-5573 Green's Needle Holder.....	3.75
B/-5577 Hagedorn's Needle Holder, 5½ inches, narrow jaw.....	5.00
B/-5578 Hagedorn's Needle Holder, 5½ inches, broad jaw.....	5.00



B/-5580



B/-5581



B/-5583



B/-5586

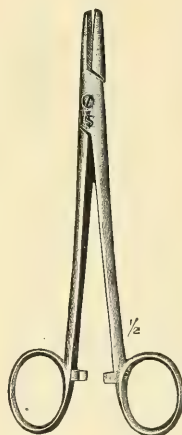


B/-5579

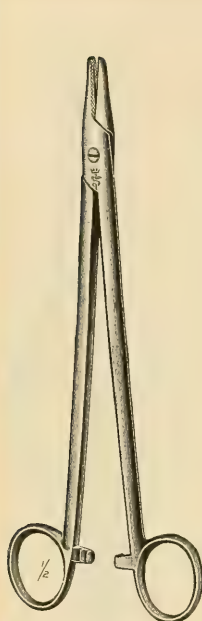
### Needle Holders

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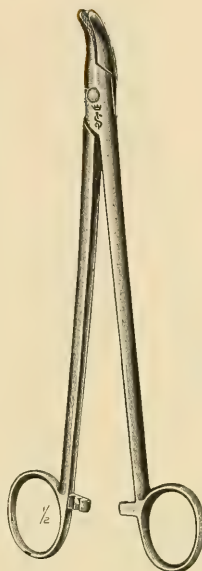
	Each
B/-5579 Hagedorn's Needle Holder, $6\frac{1}{4}$ inches, strong jaw.....	\$ 5.00
B/-5580 Hagedorn's Needle Holder, 8 inches, broad jaw.....	5.50
B/-5581 Hagedorn's Needle Holder, $8\frac{1}{4}$ inches, oblique jaw, broad.....	6.00
B/-5583 Hagedorn's Needle Holder, $8\frac{1}{4}$ inches, oblique jaw, narrow.....	6.00
B/-5586 Hanks' Needle Holder.....	3.50
B/-5590 Hegar's Needle Holder, 6 inches....	1.35



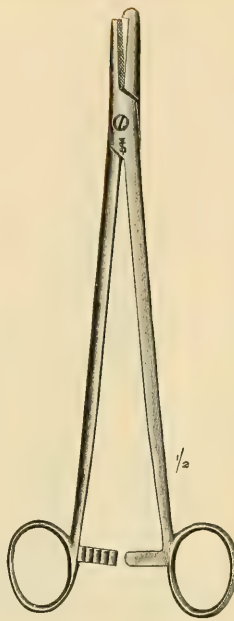
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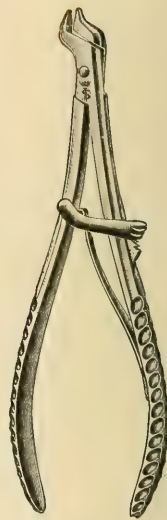
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B/-5594



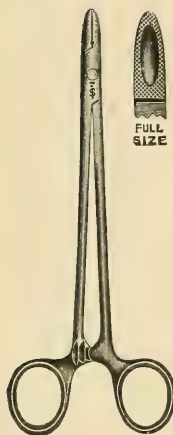
B/-5596



B/-5613



B/-5610



B/-5601

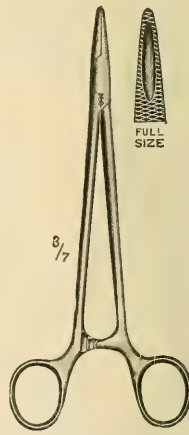


FULL  
SIZE

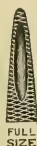
## Needle Holders

(Continued)

	Each
B/-5592 Hegar's Needle Holder, 8 inches	\$ 1.60
B/-5594 Hegar's Needle Holder, curved, 8 inches.....	2.50
B/-5596 Hegar's Needle Holder, with projecting edge.....	2.25
B/-5601 Hegar's Needle Holder, Mayo pattern, broad jaw.....	2.25
B/-5603 Hegar's Needle Holder, Rochester pattern, narrow jaw.....	2.25
B/-5610 Keen's Needle Holder, for pocket cases.....	2.00
B/-5613 Kelly's Needle Holder.....	4.00



B/-5603

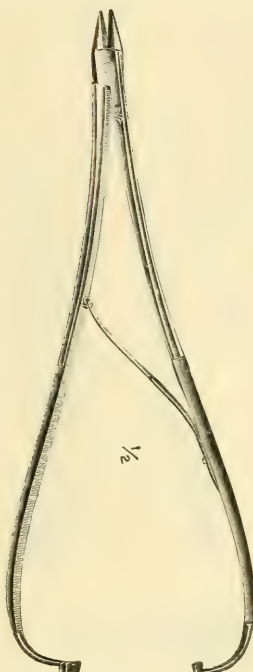


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SIZE





B/-5615-16



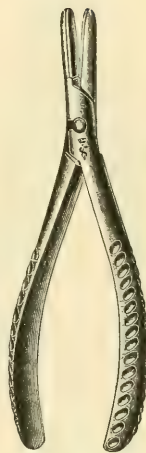
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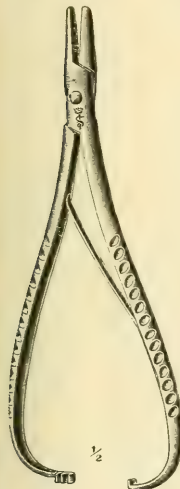
B/-5620



B/-5625



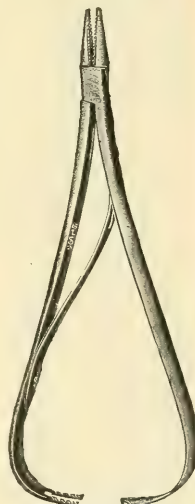
B/-5631-33



B/-5637-40



B/-5635



B/-5644

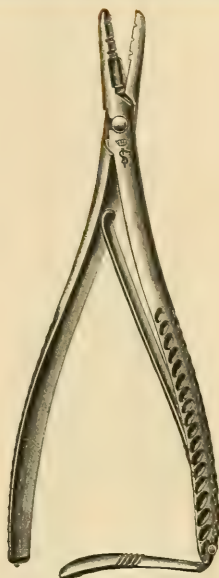
# Needle Holders

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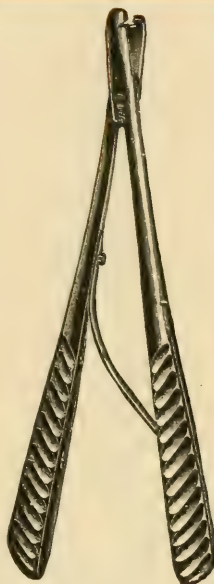
	Each
B/-5615 Kelly-Miller's Needle Holder, 8 inches. ....	\$ 2.50
B/-5616 Kelly-Miller's Needle Holder, 10½ inches. ....	3.00
B/-5617 Kelly-Murphy's Needle Holder, 9¾ inches. ....	3.00
B/-5620 Knapp's Needle Holder, for eye needles. ....	3.00
B/-5625 Lane's Needle Holder, for cleft palate needles. ....	8.00
B/-5631 Mathieu's Needle Holder, 4¾ inches. ....	1.50
B/-5632 Mathieu's Needle Holder, 6¼ inches. ....	1.60
B/-5633 Mathieu's Needle Holder, 8 inches. ....	1.75
B/-5635 Mathieu's Needle Holder, for eye needles. ....	2.25
B/-5637 Mathieu-Kersten's Needle Holder, 5 inches. ....	1.50
B/-5638 Mathieu-Kersten's Needle Holder, 5½ inches. ....	1.50
B/-5639 Mathieu-Kersten's Needle Holder 6¾ inches. ....	1.75
B/-5640 Mathieu-Kersten's Needle Holder, 8 inches. ....	2.00
B/-5644 Mathieu-Reiser's Needle Holder, 7 inches. ....	3.00



B/-5649-50



B/-5651-52



B/-5656-57



B/-5662

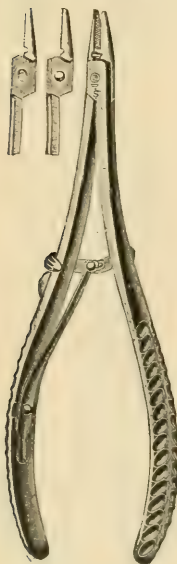


B/-5665

### Needle Holders

(Continued)

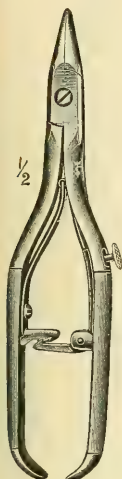
	Each
B/-5649 <b>McBurney's</b> Needle Holder, plain, 6 inches	\$ 2.50
B/-5650 <b>McBurney's</b> Needle Holder, plain, 8 inches	3.00
B/-5651 <b>McBurney's</b> Needle Holder, with wire cutter, 6 inches	3.25
B/-5652 <b>McBurney's</b> Needle Holder, with wire cutter, 8 inches	3.50
B/-5656 <b>Monks' Needle Holder</b> , large	2.50
B/-5657 <b>Monks' Needle Holder</b> , small	2.25
B/-5662 <b>Pozzi's</b> Needle Holder, for Hagedorn's Needles	3.00
B/-5665 <b>Prout's</b> Needle Holder, for eye needles	2.50
B/-5669 <b>Reiner's</b> Needle Holder, 5 inches	2.25
B/-5670 <b>Reiner's</b> Needle Holder, 6 inches	2.40
B/-5671 <b>Reiner's</b> Needle Holder, 7 inches	2.50
B/-5672 <b>Reiner's</b> Needle Holder, 8 inches	3.00
B/-5675 <b>Richter's</b> Needle Holder, 5½ inches	3.50
B/-5676 <b>Richter's</b> Needle Holder, 7 inches	3.50
B/-5677 <b>Richter's</b> Needle Holder, 8 inches	3.50



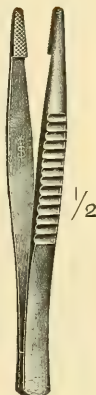
B/-5669-72



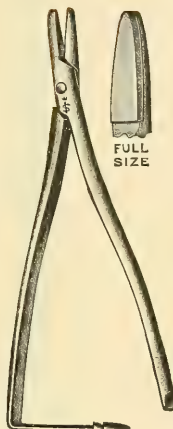
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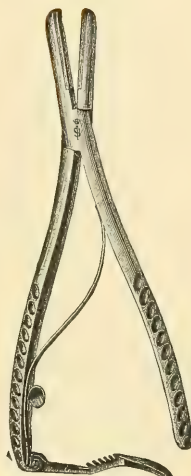
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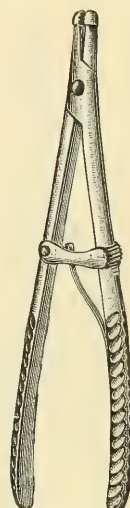
B/-5685



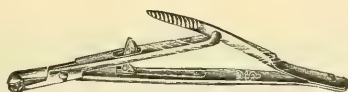
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B/-5692-95



B/-5699



B/-5704

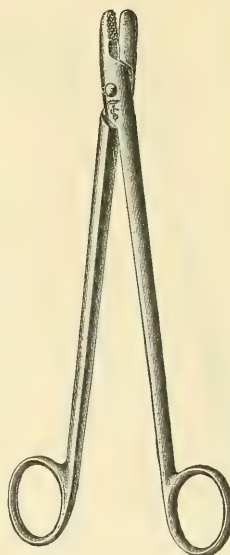


B/-5700

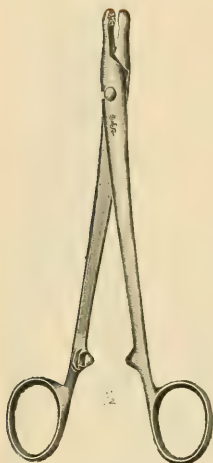
## Needle Holders

(Continued)

		Each
B/-5680	Rochester Needle Holder, 6 $\frac{3}{4}$ inches.....	\$ 3.00
B/-5681	Rochester Needle Holder, 7 $\frac{3}{4}$ inches.....	3.25
B/-5682	Rochester Needle Holder, 9 $\frac{3}{4}$ inches.....	3.75
B/-5685	Rochester Needle Holder and Needle Extractor	1.00
B/-5689	Roosevelt Hospital Needle Holder.....	2.25
B/-5692	Roser's Needle Holder, 5 inches.....	1.75
B/-5693	Roser's Needle Holder, 6 inches.....	2.00
B/-5694	Roser's Needle Holder, 7 inches.....	2.25
B/-5695	Roser's Needle Holder, 8 inches.....	2.50
B/-5699	Russian Needle Holder, modified by Truax....	3.00
B/-5700	Russian Needle Holder and Needle Extractor	1.50
B/-5704	Sands' Needle Holder, for eye needles.....	3.00
B/-5709	Sims' Needle Holder, plain.....	1.75



B/-5709



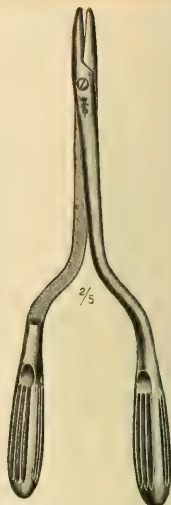
B/-5710



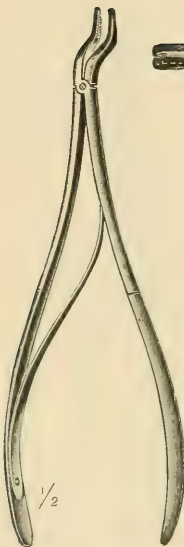
B/-5717



B/-5720



B/-5722



B/-5726



B/-5713

### Needle Holders

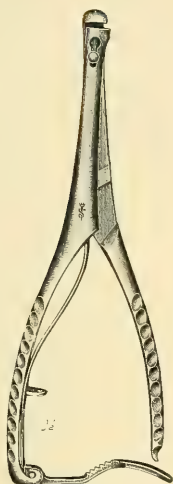
(Continued)

	Each
B/-5710 <b>Sims' Needle Holder, with catch</b> .....	\$ 2.00
B/-5713 <b>Skene's Needle Holder, double-ended</b> .....	4.00
B/-5717 <b>Stevens' Needle Holder, for eye needles</b> .....	3.00
B/-5720 <b>Stevenson's Needle Holder, for eye needles</b> .....	3.00
B/-5722 <b>Taylor's Needle Holder</b> .....	3.00
B/-5726 <b>Von Eiselsberg's Needle Holder</b> .....	4.00

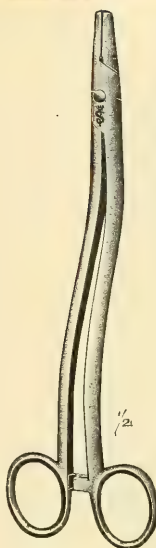




B/-5733-35



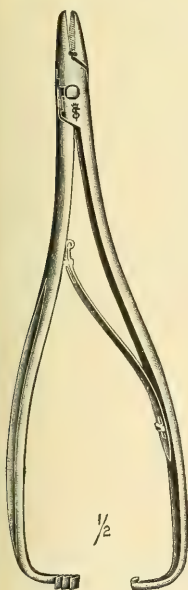
B/-5739-41



B/-5749



B/-5754



B/-5758

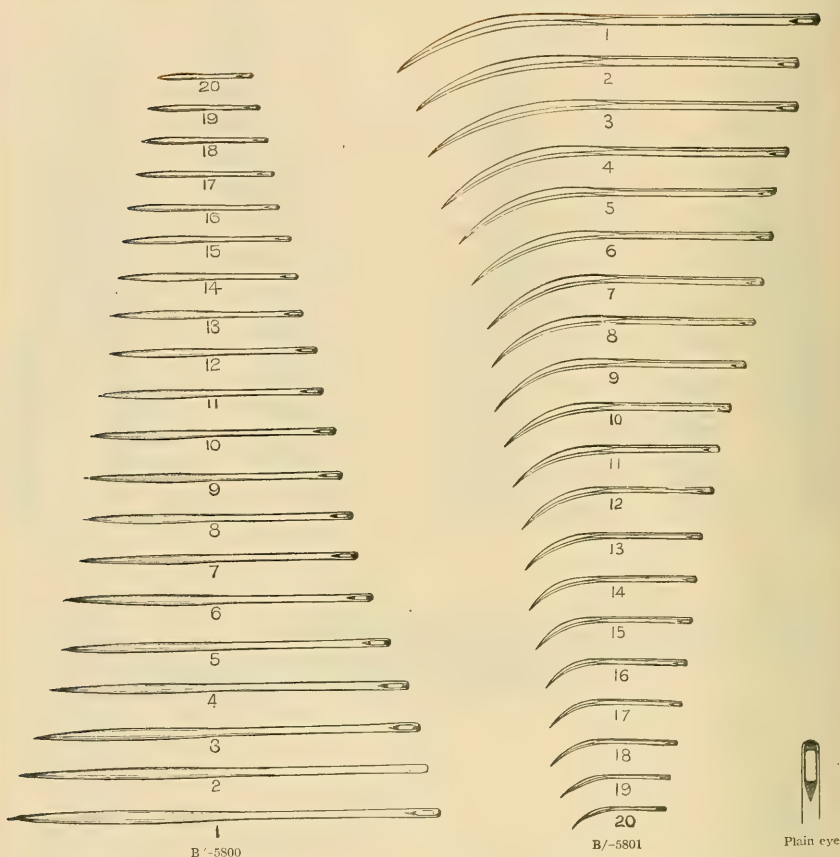


B-5745

## Needle Holders

(Continued)

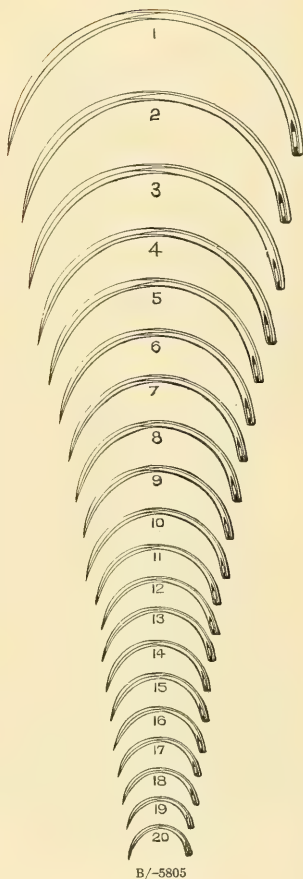
	Each
B/-5733 <b>Weber's</b> Needle Holder, 6 inches.....	\$ 4.50
B/-5734 <b>Weber's</b> Needle Holder, 7 inches.....	4.75
B/-5735 <b>Weber's</b> Needle Holder, 8 inches.....	5.00
B/-5739 <b>Weber's</b> Needle Holder, for Hagedorn's Needles, 6 inches..	4.50
B/-5740 <b>Weber's</b> Needle Holder, for Hagedorn's Needles, 7 inches..	4.75
B/-5741 <b>Weber's</b> Needle Holder, for Hagedorn's Needles, 8 inches..	5.00
B/-5745 <b>Wecker's</b> Needle Holder, for eye needles.....	3.00
B/-5749 <b>Wertheim's</b> Needle Holder, double bent.....	2.50
B/-5754 <b>Wilms'</b> Needle Holder.....	1.75
B/-5758 Woman's Hospital Needle Holder.....	3.25



### Suture Needles

	Dozen
B/-5800 Surgeons' Needles, regular, straight, plain eye, sizes Nos. 1 to 20.....	\$ .40
B/-5801 Surgeons' Needles, regular, half curved, plain eye, sizes Nos. 1 to 20.....	.40

Illustrations of needles are actual sizes.



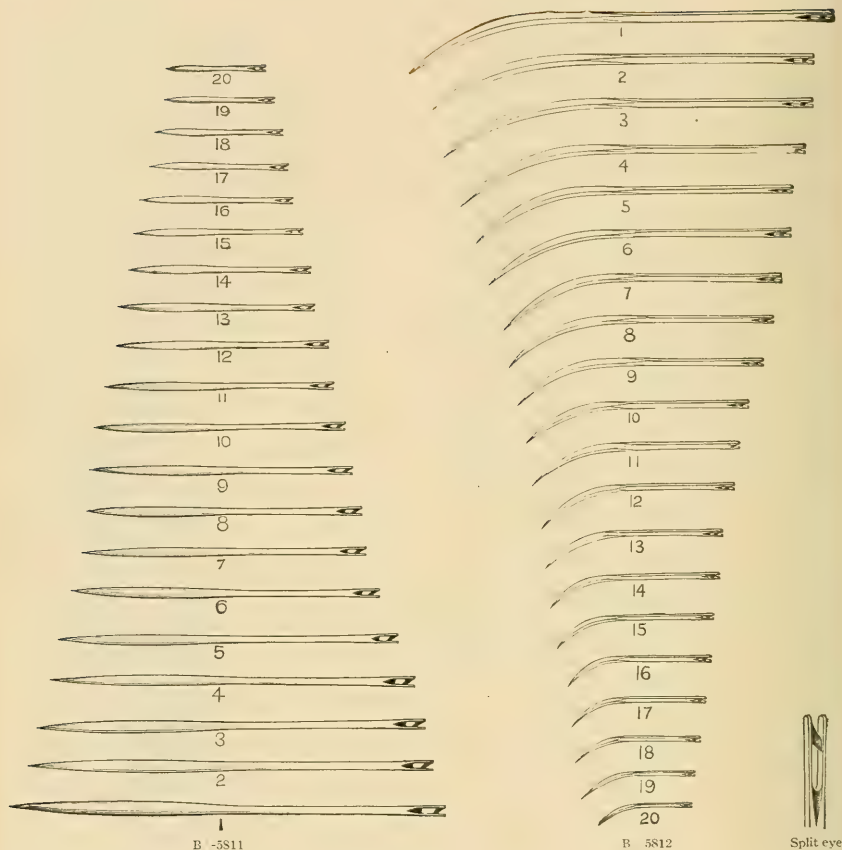
Plain eye

### Suture Needles

(Continued)

	Dozen
B/-5802 Surgeons' Needles, regular, plain eye, full curved, sizes Nos. 1 to 20 . . . . .	\$ .40
B/-5805 Surgeons' Needles, regular, plain eye, half circle, sizes Nos. 1 to 20 . . . . .	.50

Illustrations of needles are actual sizes.



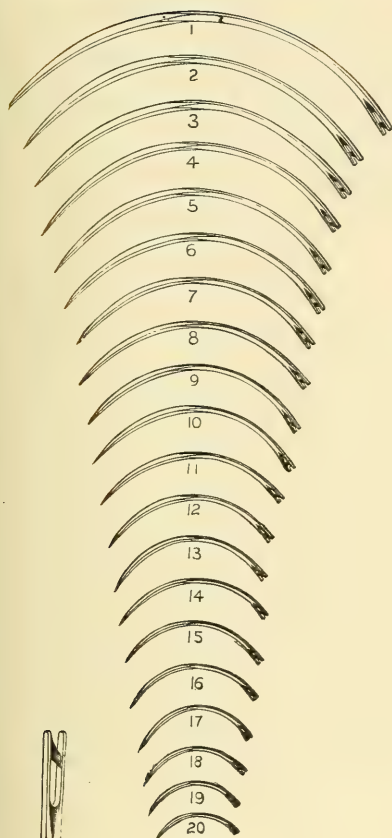
### Suture Needles

(Continued)

B/-5811	Surgeons' Needles, split eye, self-threading, straight, sizes Nos. 1 to 20.....	Dozen \$ .75
B/-5812	Surgeons' Needles, split eye, self-threading, half curved, sizes Nos. 1 to 20.....	.75

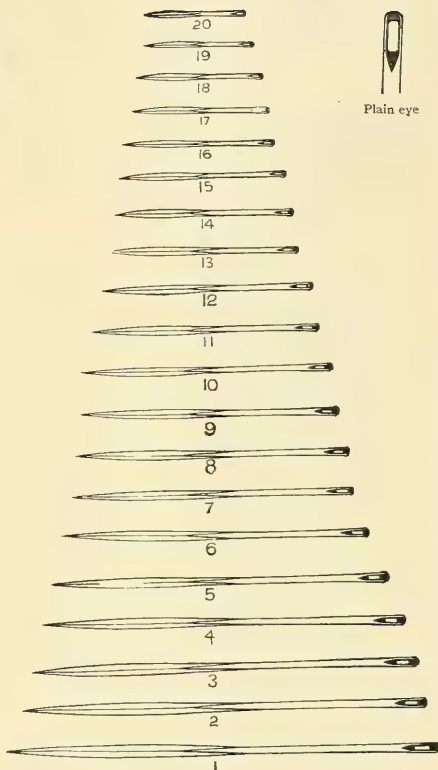
Illustrations of needles are actual sizes





Split eye

B/-5813



Plain eye

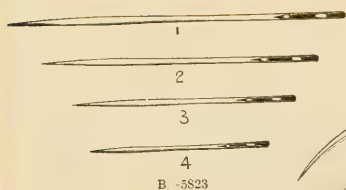
B/-5818

## Suture Needles

(Continued)

	Dozen
B/-5813 Surgeons' Needles, split eye, self-threading, full curved, sizes Nos. 1 to 20.....	\$ .75
B/-5818 Surgeons' Needles, plain eye, triangular point, straight, sizes Nos. 1 to 20.....	.40

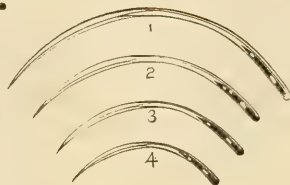
Illustrations of needles are actual sizes.



B/-5823



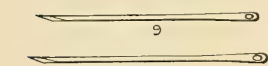
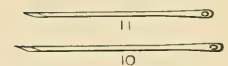
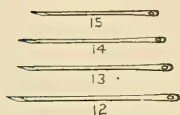
B/-5823-25  
Two Eyes



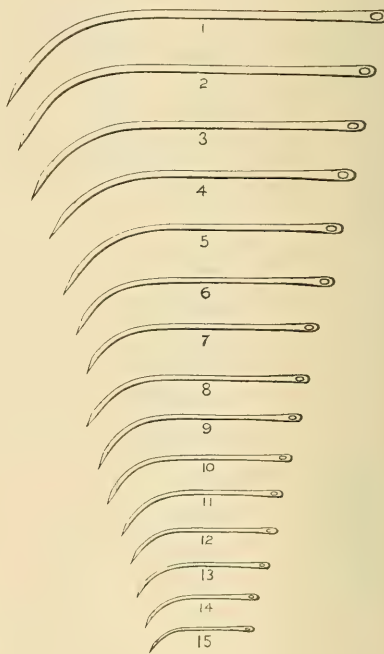
B/-5825



B/-5824



B/-5829



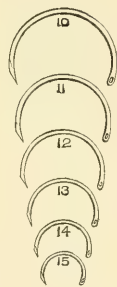
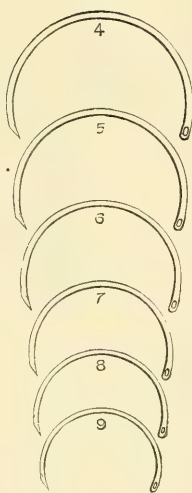
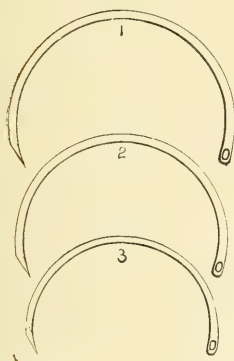
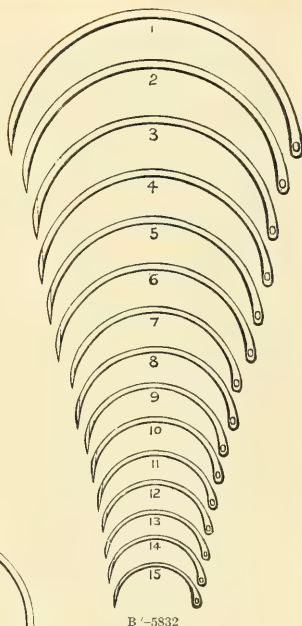
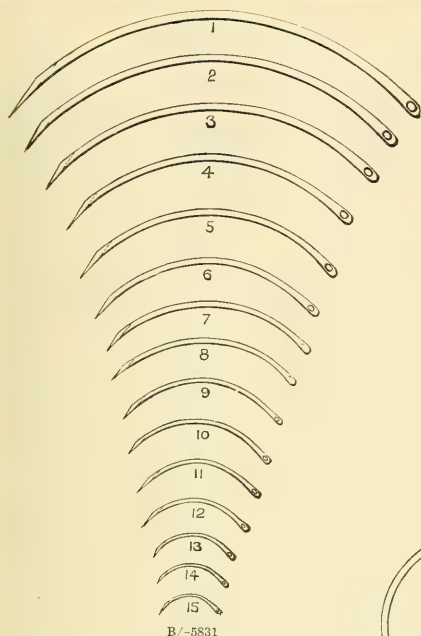
B/-5830

## Suture Needles

(Continued)

	Dozen
B/-5823 Surgeons' Needles, with two eyes, straight, sizes Nos. 1 to 4.....	\$ 1.00
B/-5824 Surgeons' Needles, with two eyes, half curved, sizes Nos. 1 to 4.....	1.00
B/-5825 Surgeons' Needles, with two eyes, full curved, sizes Nos. 1 to 4.....	1.00
B/-5829 Hagedorn's Needles, round eye, straight, sizes Nos. 1 to 15.....	.60
B/-5830 Hagedorn's Needles, round eye, half curved, sizes Nos. 1 to 15.....	.60

Illustrations of needles are actual sizes.



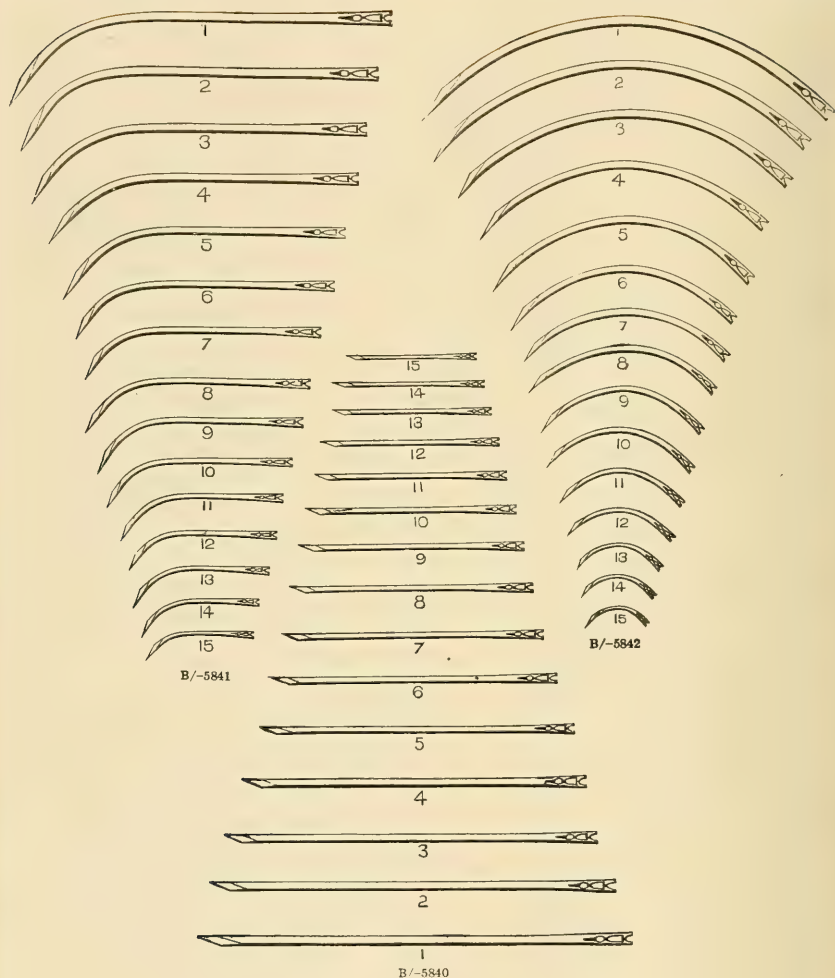
B/-5833

### Suture Needles

(Continued)

B/-5831	Hagedorn's Needles, round eye, quarter circle, sizes Nos. 1 to 15.....	Dozen \$ .60
B/-5832	Hagedorn's Needles, round eye, half circle, sizes Nos. 1 to 15.....	.60
B/-5833	Hagedorn's Needles, round eye, five-eighths circle, sizes Nos. 1 to 15.....	.60

Illustrations of needles are actual sizes.



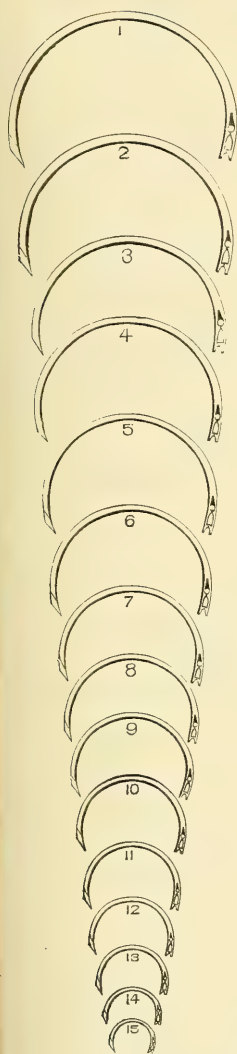
### Suture Needles

(Continued)

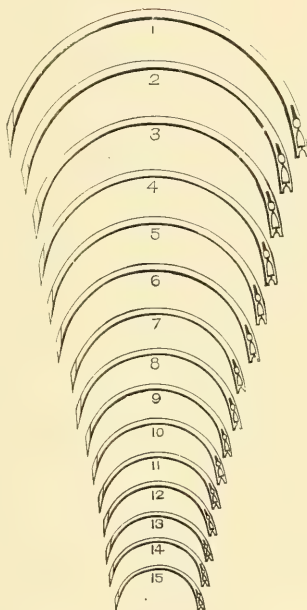
		Dozen
B/-5840	Hagedorn's Needles, split eye, self-threading, straight, sizes Nos. 1 to 15.....	\$ .80
B/-5841	Hagedorn's Needles, split eye, self-threading, half curved, sizes Nos. 1 to 15.....	.80
B/-5842	Hagedorn's Needles, split eye, self-threading, quarter circle, sizes Nos. 1 to 15.....	.80

Illustrations of needles are actual sizes.

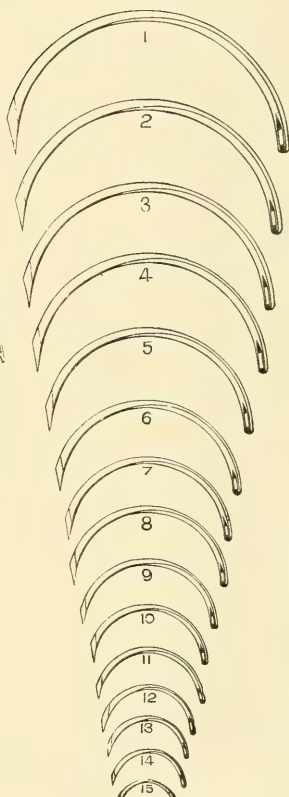




B/-5844



B/-5843



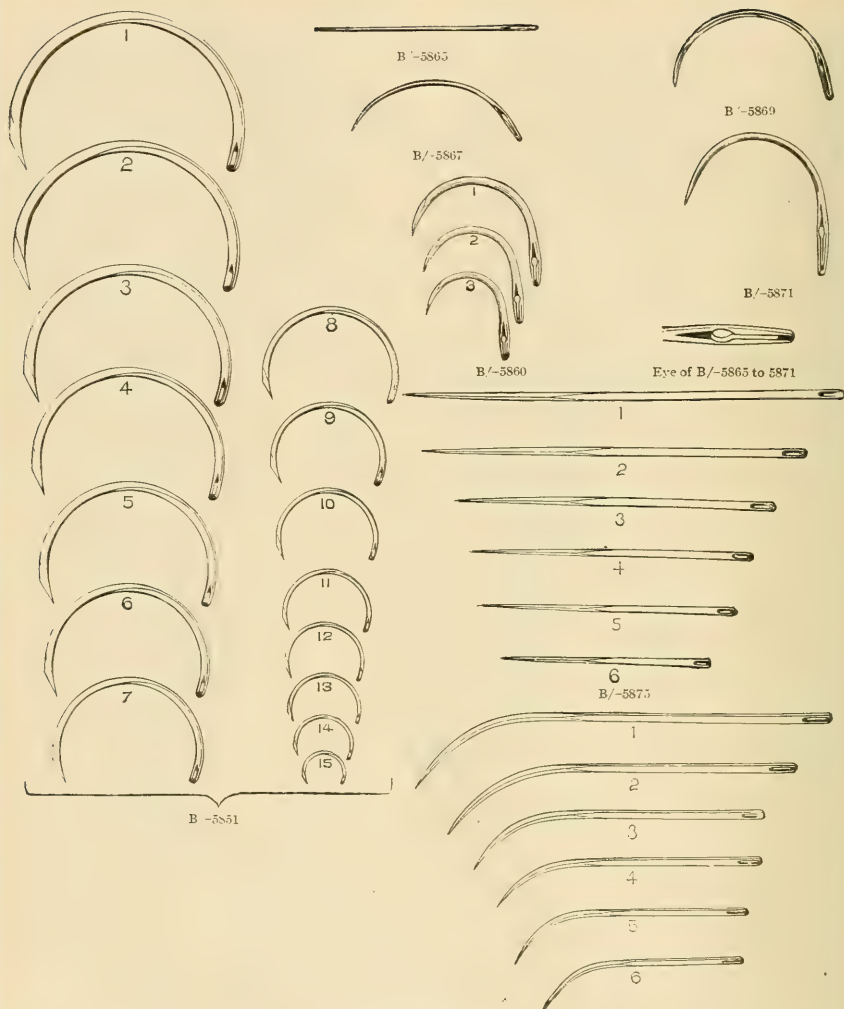
B/-5850

## Suture Needles

(Continued)

	Dozen
B/-5843 Hagedorn's Needles, split eye, self-threading, half circle, sizes Nos. 1 to 15.....	\$ .80
B/-5844 Hagedorn's Needles, split eye, self-threading, five-eighths circle, sizes Nos. 1 to 15.....	.80
B/-5850 Hagedorn's Needles, reversed eye, half circle, sizes Nos. 1 to 15.....	.60

Illustrations of needles are actual sizes.

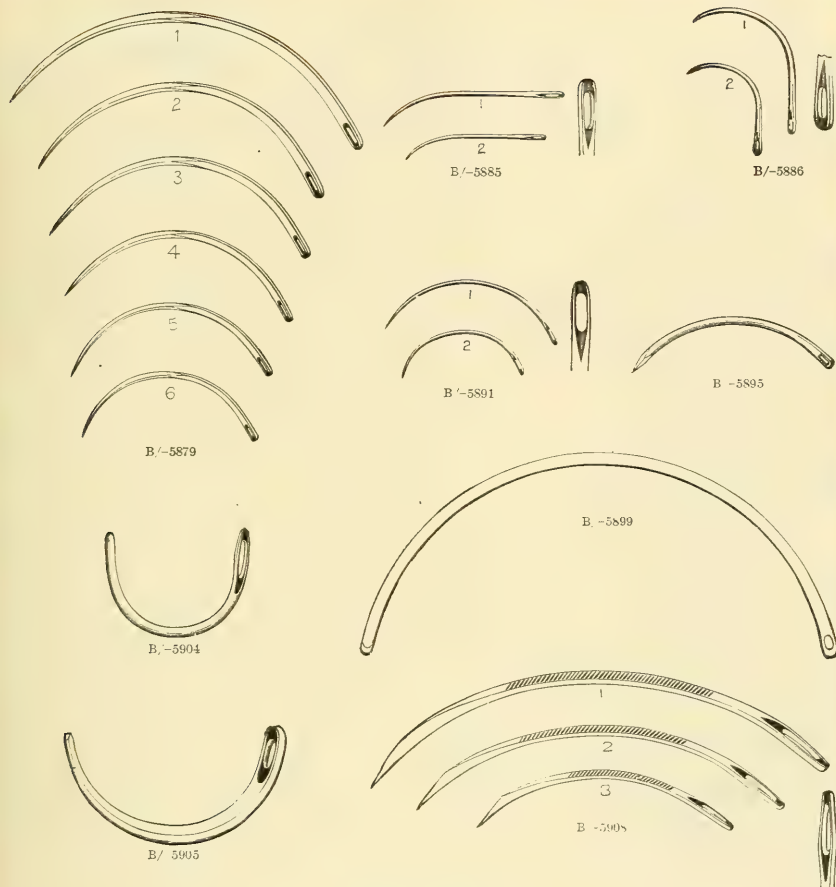


### Suture Needles

(Continued)

		Dozen
B / - 5851	Hagedorn's Needles, reversed eye, five-eighths circle, sizes Nos. 1 to 15.....	\$ .60
B - 5860	Abram's Cervix Needles, trocar point, with Benjamin's thread clamping eye, sizes Nos. 1 to 3.....	1.00
B / - 5865	Benjamin's Intestinal Needles, with thread-clamping eye, taper point, straight, 1 size.....	.75
B - 5867	Benjamin's Intestinal Needles, with thread-clamping eye, taper point, three-eighths circle, 1 size.....	.75
B - 5869	Benjamin's Cervix Needles, with thread-clamping eye, triangular point, half circle, 1 size....	.75
B - 5871	Benjamin's Cervix Needles, with thread-clamping eye, taper point, fish hook shape, 1 size.....	.75
B / - 5875	Bonney's Abdominal Needles, extra quality, straight, sizes Nos. 1 to 6.....	1.25
B / - 5877	Bonney's Abdominal Needles, extra quality, half curved, sizes Nos. 1 to 6.....	1.25

Illustrations of needles are actual sizes.

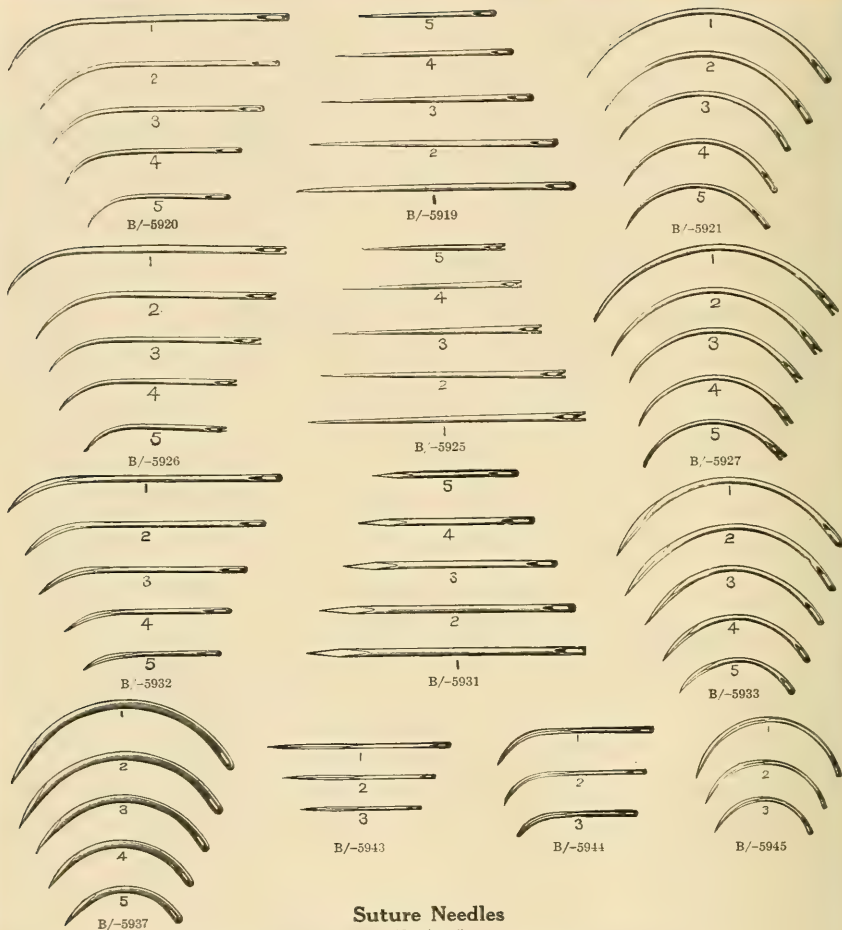


### Suture Needles

(Continued)

	Dozen		Dozen
B/-5879 <b>Bonney's</b> Abdominal Needles, extra quality, full curved, sizes Nos. 1 to 6	\$ 1.25	B/-5899 <b>Cullen's</b> Liver Needles, blunt point, 1 size	\$ 1.50
B/-5885 <b>Butler's</b> Cervix Needles, taper point, half curved, sizes Nos. 1 and 2	1.00	B/-5904 <b>De Garmo's</b> Hernia Needles, blunt point, full curved, 1 size	1.25
B/-5886 <b>Butler's</b> Cervix Needles, taper point, fish hook shaped, sizes Nos. 1 and 2	1.00	B/-5905 <b>De Garmo's</b> Hernia Needles, blunt point, full curved, extra heavy, 1 size	1.25
B/-5891 <b>Child's</b> Intestinal Needles, taper point, full curved, sizes Nos. 1 and 2	.60	B/-5908 <b>Doyen's</b> Abdominal Needles, full curved, gold-plated, sizes Nos. 1 to 3	3.60
B/-5895 <b>Cragin's</b> Cervix Needles, trocar point, full curved, 1 size	.75		

Illustrations of needles are actual sizes.



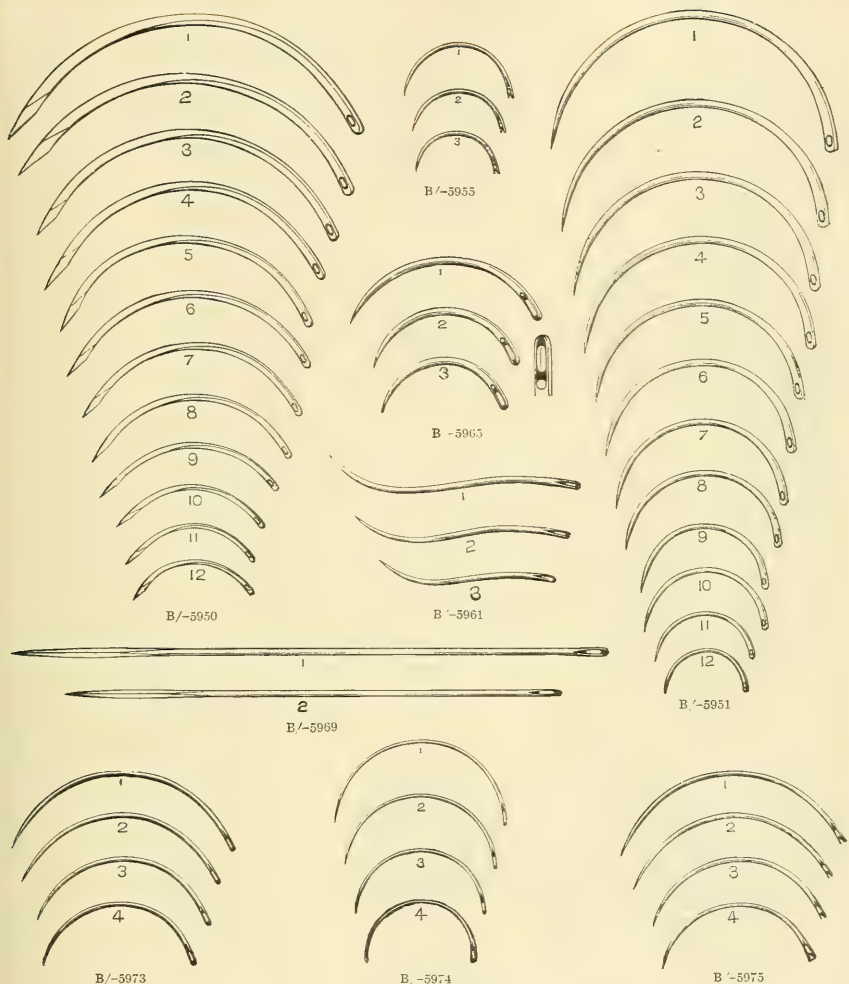
## Suture Needles

(Continued)

		Dozen
B/-5919	Emmett's Cervix Needles, taper point, plain eye, straight, sizes Nos. 1 to 5.....	\$ .50
B/-5920	Emmett's Cervix Needles, taper point, plain eye, half curved, sizes Nos. 1 to 5.....	.50
B/-5921	Emmett's Cervix Needles, taper point, plain eye, full curved, sizes Nos. 1 to 5.....	.50
B/-5925	Emmett's Cervix Needles, taper point, split eye, self-threading, straight, sizes Nos. 1 to 5.....	.75
B/-5926	Emmett's Cervix Needles, taper point, split eye, self-threading, half curved, sizes Nos. 1 to 5.....	.75
B/-5927	Emmett's Cervix Needles, taper point, split eye, self-threading, full curved, sizes Nos. 1 to 5.....	.75
B/-5931	Emmett's Cervix Needles, trocar point, plain eye, straight, sizes Nos. 1 to 5.....	.50
B/-5932	Emmett's Cervix Needles, trocar point, plain eye, half curved, sizes Nos. 1 to 5.....	.50
B/-5933	Emmett's Cervix Needles, trocar point, plain eye, full curved, sizes Nos. 1 to 5.....	.50
B/-5937	Emmett-Murphy's Needles, trocar point, plain eye, full curved, sizes Nos. 1 to 5.....	.60
B/-5943	Eye Needles, plain eye, straight, sizes Nos. 1 to 3.....	.50
B/-5944	Eye Needles, plain eye, half curved, sizes Nos. 1 to 3.....	.50
B/-5945	Eye Needles, plain eye, full curved, sizes Nos. 1 to 3.....	.50

Illustrations of needles are actual sizes.



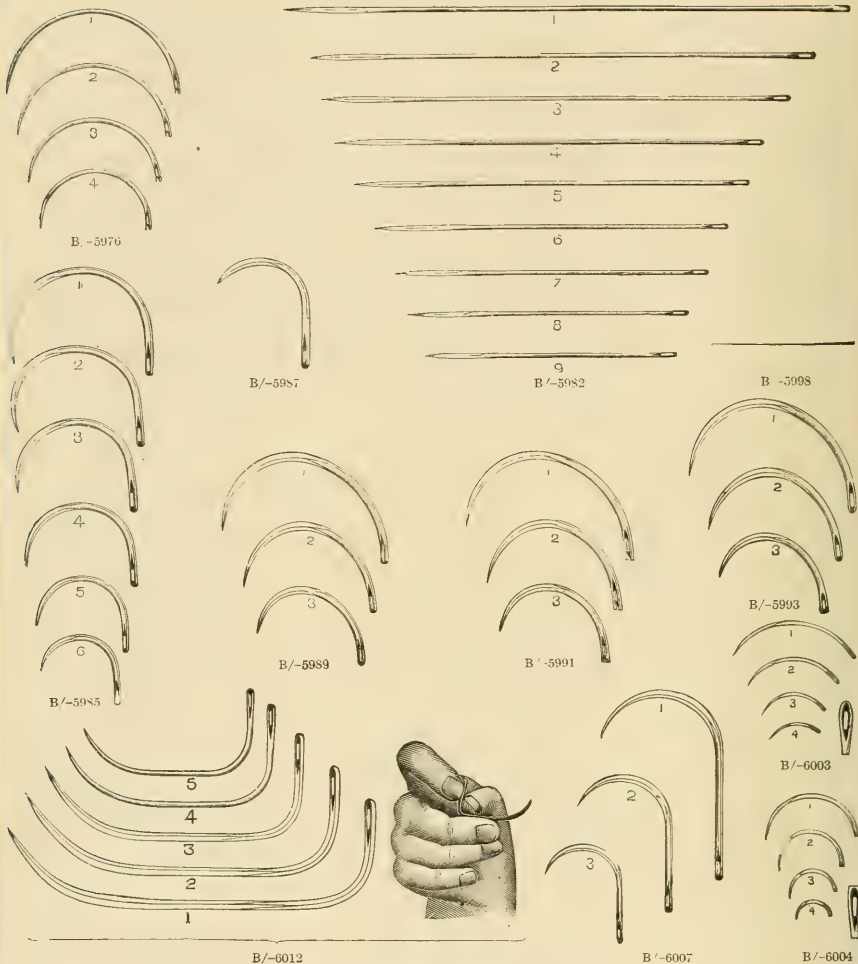


### Suture Needles

(Continued)

	Dozen		Dozen
B/-5950 Ferguson's Abdominal Needles, cutting edge, three-eighths circle, sizes Nos. 1 to 12.....	\$ .75	B/-5969 Hayden's Abdominal Needles, straight, sizes Nos. 1 and 2.....	\$ .75
B/-5951 Ferguson's Abdominal Needles, taper point, half-circle, sizes Nos. 1 to 12.....	.65	B/-5973 Intestinal Needles, taper point, plain eye, three-eighths circle, sizes Nos. 1 to 4.....	.55
B/-5955 French Intestinal Needles, taper point, split eye, full curved, sizes Nos. 1 to 3.....	1.00	B/-5974 Intestinal Needles, taper point, plain eye, half circle, sizes Nos. 1 to 4.....	.55
B/-5961 Goodell's Perineum Needles, double curved, sizes Nos. 1 to 3.....	.85	B/-5975 Intestinal Needles, taper point, split eye, self-threading, three-eighths circle, sizes Nos. 1 to 4.....	.75
B/-5965 Harris' Cervix Needles, for wire sutures, two eyes, full curved, sizes Nos. 1 to 3.....	1.00		

Illustrations of needles are actual sizes.

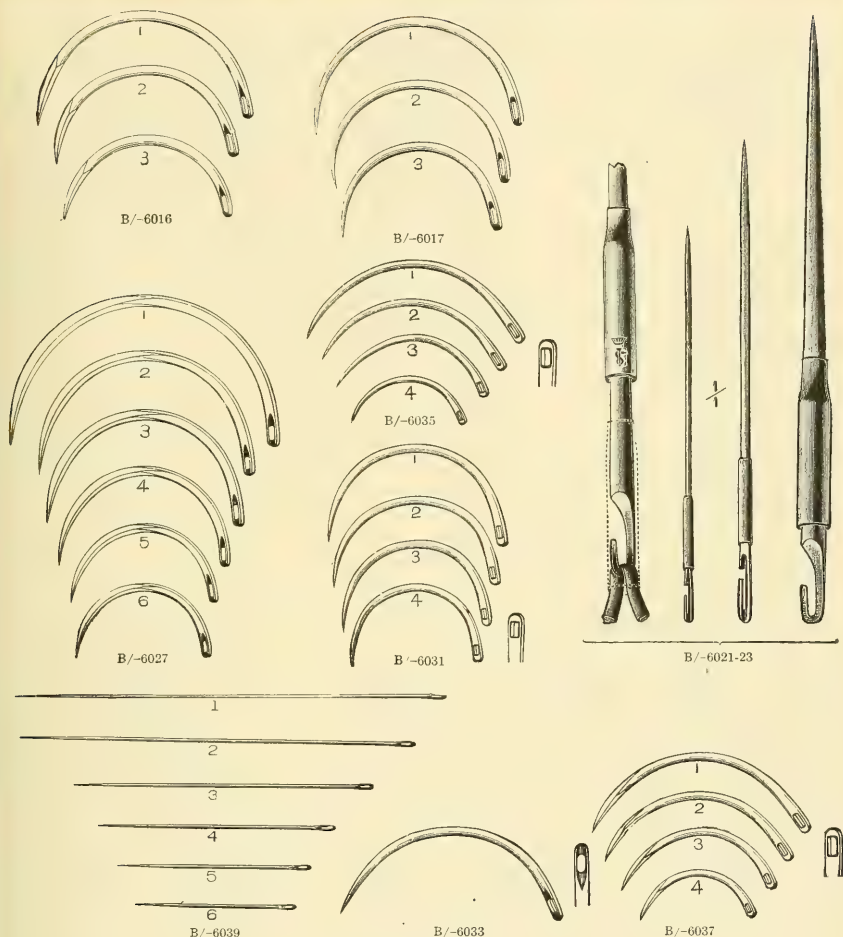


## Suture Needles

(Continued)

	Dozen		Dozen
B/-5976 Intestinal Needles, taper point, split eye, self-threading, half-circle, sizes Nos. 1 to 4.....	\$ .75	B/-5993 Kelly-Lister's Intestinal Needles, reversed eye, full curved, sizes Nos. 1 to 3.....	\$ .75
B/-5982 Keith's Abdominal Needles, straight, sizes Nos. 1 to 9.....	.60	B/-5998 Kirby's Vein Suture Needles, very fine, straight one size,.....	package of 25 .25
B/-5985 Kelly's Gynaecic Needles, full curved, sizes Nos. 1 to 6.....	1.00	B/-6003 Lane's Cleft Palate Needles, trocar point, quarter circle, sizes Nos. 1 to 4.....	1.50
B/-5987 Kelly's Trachelorrhaphy Needles, full curved, one size.....	1.00	B/-6004 Lane's Cleft Palate Needles, trocar point, half circle, sizes Nos. 1 to 4.....	1.50
B/-5989 Kelly-Lister's Intestinal Needles, plain eye, full curved, sizes Nos. 1 to 3.....	.75	B/-6007 Lister's Fistula Needles, fish hook shape, sizes Nos. 1 to 3.....	.75
B/-5991 Kelly-Lister's Intestinal Needles, split eye, self-threading, full curved sizes Nos. 1 to 3.....	.90	B/-6012 Loopstut's Abdominal Needles, to use without needle-holder, sizes Nos. 1 to 5.....	1.25

Illustrations of needles are actual sizes.

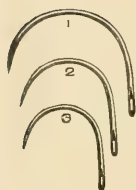


## Suture Needles

(Continued)

	Dozen		Dozen
B/-6016 MacGowan's Cervix Needles, trocar point, full curved, sizes Nos. 1 to 3.....	\$ 1.00	B/-6027 Martin's Uterine Needles, full curved, sizes Nos. 1 to 6.....	\$ .75
B/-6017 MacGowan's Cervix Needles, taper point, full curved, sizes Nos. 1 to 3.....	1.00	B/-6031 Mayo's Catgut Needles, taper point, square eye, half circle, sizes Nos. 1 to 4.....	.75
	Each	B/-6033 Mayo's Catgut Needles, taper point, oval eye, full curved, one size.....	.75
B/-6021 McGraw's Ligature Needles, for elastic rubber ligatures, small.....	.50	B/-6035 Mayo's Catgut Needles, taper point, square eye, three-eighths circle, sizes Nos. 1 to 4.....	.75
B/-6022 McGraw's Ligature Needles, for elastic rubber ligatures, medium.....	.50	B/-6037 Mayo's Catgut Needles, trocar point, square eye, three-eighths circle, sizes Nos. 1 to 4.....	.75
B/-6023 McGraw's Ligature Needles, for elastic rubber ligatures, large.....	.80	B/-6039 Mayo's Intestinal Needles, taper point, straight, sizes Nos. 1 to 6.....	.60

Illustrations of needles are actual sizes.



B/-6041



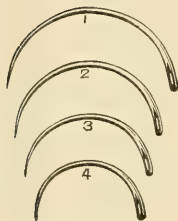
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B/-6051



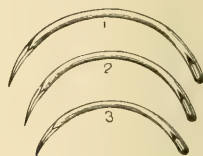
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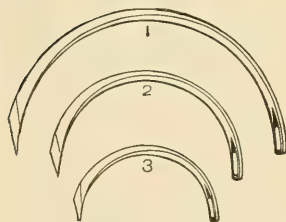
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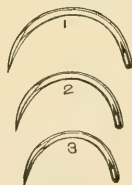
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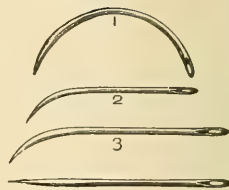
B/-6069



B/-6066



B/-6075



B/-6081

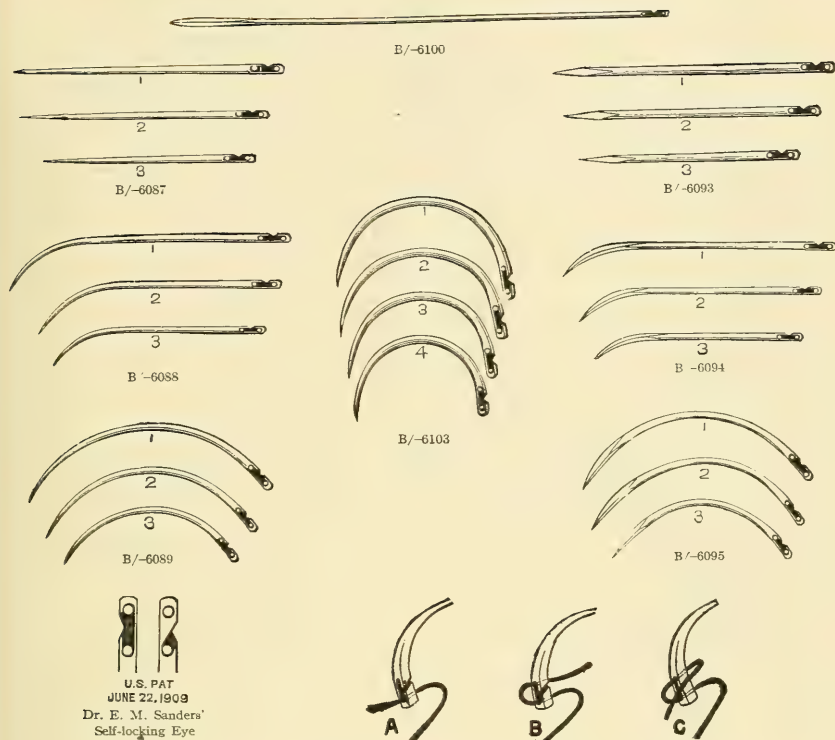
## Suture Needles

(Continued)

	Dozen
B/-6041 Mayo's Intestinal Needles, taper point, full curved, sizes Nos. 1 to 3.....	\$ .60
B/-6049 Moynihan's Intestinal Needles, taper point, straight, one size.....	.60
B/-6051 Moynihan's Intestinal Needles, taper point, split eye, self-threading, full curved, one size....	.75
B/-6055 Murphy's Intestinal Needles, taper point, half circle, sizes Nos. 1 to 4.....	.60
B/-6057 Murphy's Liver Needles, taper point, full curved, one size.....	1.00
B/-6060 Murphy's Trachelorrhaphy Needles, trocar point, full curved, sizes Nos. 1 to 3.....	.75
B/-6066 Packard's Uterine Needles, cutting edge, full curved, sizes Nos. 1 to 3.....	.85
B/-6069 Pratt's Cervix Needles, trocar point, full curved, sizes Nos. 1 to 3.....	.85
B/-6075 Roberts' Fistula Needles, trocar point, full curved, sizes Nos. 1 to 3.....	.60
B/-6081 Schnetter's Uterine Needles, flat point, sizes Nos. 1 to 4.....	.70

Illustrations of needles are actual sizes.





### Dr. E. M. Sanders' Self-locking Needle Eye

U. S. Patent, June 22, 1909

The Sanders' Self-locking Eye prevents the thread from slipping out of the needle while sewing, tying and in other manipulations, thereby saving valuable time which would be consumed threading the needle during operation.

It also allows the needle to be used near the end of the catgut or other suture material, therefore it saves material. The security of the needle to the thread eliminates the danger of losing the needle in the abdominal cavity or dropping it during interruptions in the sewing or while tying knots, etc.

#### Directions for Threading.

(1) Pass the thread through the end eye going from the inside of the curve to the outside (Fig. A). (2) Pass it back through the other eye in the opposite direction, which forms a loop (Fig. B). (3) Pass the short end of the thread along the helical groove in the side of the needle and go through the loop (Fig. C). (4) Make traction on the long end of the thread and the lock is firmly established without forming a knot or other obstruction to hinder the threaded needle from passing easily through the tissues.

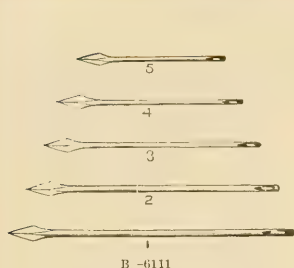
The following patterns are furnished with Sanders' Self-locking Eye:

### Suture Needles

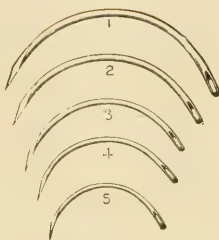
(Continued)

	Dozen
B/-6087 Sanders-Emmett's Cervix Needles, taper point, straight, sizes Nos. 1 to 3.....	\$ 1.50
B/-6088 Sanders-Emmett's Cervix Needles, taper point, half curved, sizes Nos. 1 to 3.....	1.50
B/-6089 Sanders-Emmett's Cervix Needles, taper point, full curved, sizes Nos. 1 to 3.....	1.50
B/-6093 Sanders-Emmett's Cervix Needles, trocar point, straight, sizes Nos. 1 to 3.....	1.50
B/-6094 Sanders-Emmett's Cervix Needles, trocar point, half curved, sizes Nos. 1 to 3.....	1.50
B/-6095 Sanders-Emmett's Cervix Needles, trocar point, full curved, sizes Nos. 1 to 3.....	1.50
B/-6100 Sanders-Keith's Abdominal Needles, straight, one size.....	1.50
B/-6103 Sanders-Mayo's Catgut Needles, taper point, full curve, sizes Nos. 1 to 4.....	1.50

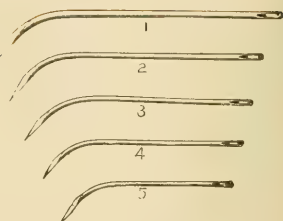
Illustrations of needles are actual sizes.



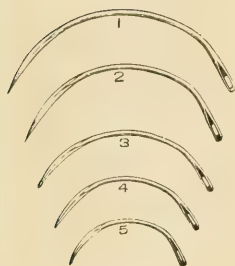
B/-6111



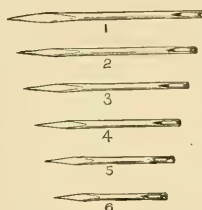
B/-6113



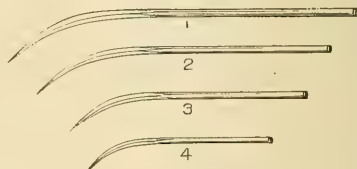
B/-6112



B/-6117



B/-6121



B/-6130



B/-6135



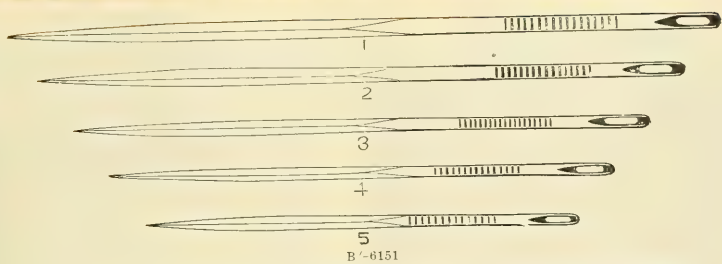
B/-6138

## Suture Needles

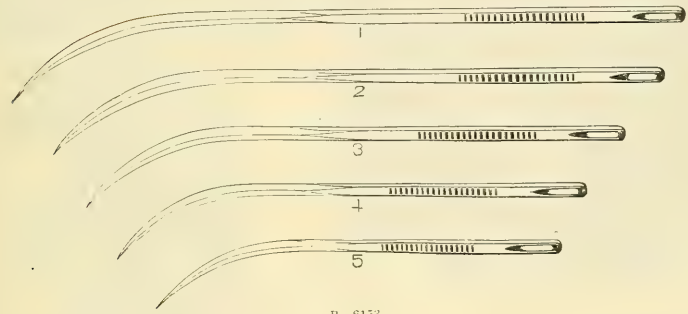
(Continued)

	Dozen		Dozen		
B/-6111	<b>Sims' Cervix Needles, lance point, straight, sizes Nos. 1 to 5.....</b>	<b>\$ .55</b>	B/-6121 <b>Skene's Cervix Needles, straight, sizes Nos. 1 to 6.....</b>	<b>\$ .55</b>	
B/-6112	<b>Sims' Cervix Needles, lance point, half curved, sizes Nos. 1 to 5.....</b>	<b>.55</b>	B/-6130	Wire Suture Needles, canulated, half curved, sizes Nos. 1 to 4.....	<b>2.00</b>
B/-6113	<b>Sims' Cervix Needles, lance point, full curved, sizes Nos. 1 to 5.....</b>	<b>.55</b>	B/-6135	<b>Woodward's Eye Needles, full curved, one size.....</b>	<b>.75</b>
B/-6117	<b>Sims' Cervix Needles, hypo. point, full curved, sizes Nos. 1 to 5.....</b>	<b>1.00</b>	B/-6138	<b>Wylie's Pedicle Needles, extra heavy, full curved, one size.....</b>	<b>1.25</b>

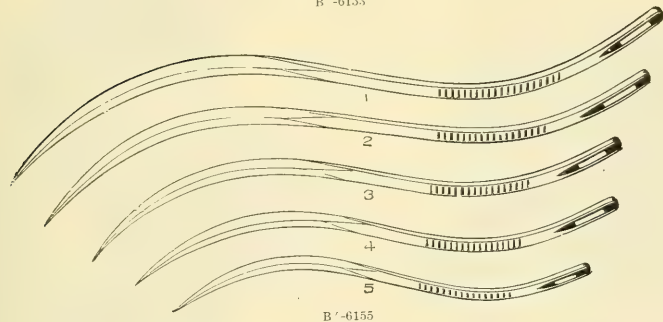
Illustrations of needles are actual sizes.



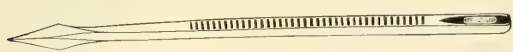
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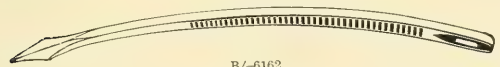
B -6153



B/-6155



B/-6160



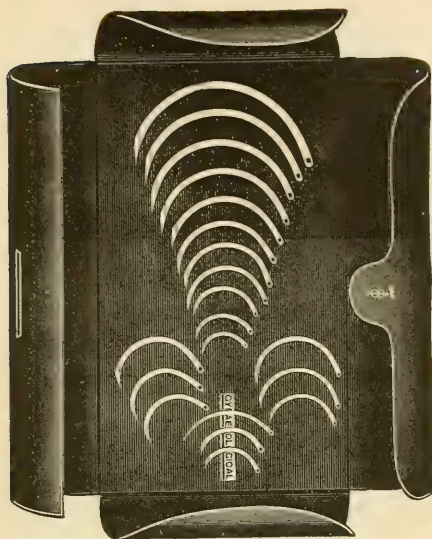
B/-6162

### Suture Needles

(Continued)

		Dozen
B/-6151	Post Mortem Needles, straight, sizes Nos. 1 to 5.....	\$ 1.50
B/-6153	Post Mortem Needles, half curved, sizes Nos. 1 to 5.....	1.50
B/-6155	Post Mortem Needles, double curved, sizes Nos. 1 to 5.....	1.75
B/-6160	Post Mortem Needles, spear pointed, straight, one size.....	3.00
B/-6162	Post Mortem Needles, spear pointed, curved, one size.....	3.60

Illustrations of needles are actual sizes.



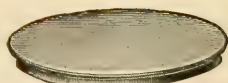
B/-6175



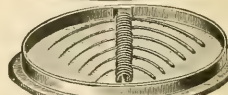
B/-6183



B/-6180



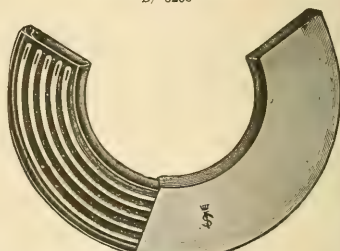
B/-6200



B/-6203



B/-6206



B/-6209-10

## Suture Needles

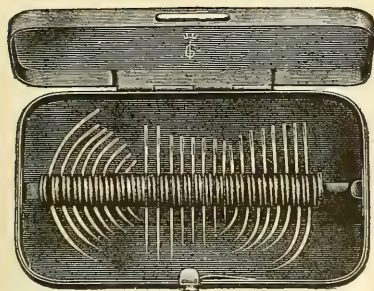
(Continued)

B/-6175	Folding Paper Case, containing 20 Hagedorn's Needles.....	Each	\$ 1.00
B/-6180	Safety Pins, "Aesculapia," one size.....	gross	1.20
B/-6183	Safety Pins, plain, 3 sizes.....	gross	.50

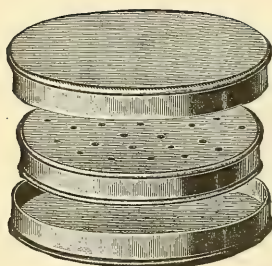
## Needle Cases and Trays

B/-6200	Needle Box, metal, round, plain, 2 1/4 inches.....	Each	.50
B/-6203	Needle Box, metal, round, with spring, 2 1/4 inches.....		.60
B/-6206	Needle Box, metal, round, with 5 compartments, 3 inches.....		.65
B/-6209	Needle Box, metal, round, semi-circular, 2 inches.....		.50
B/-6210	Needle Box, metal, round, semi-circular, 3 3/8 inches.....		.50

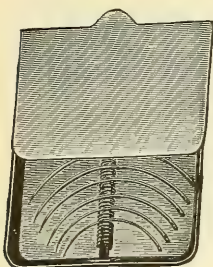




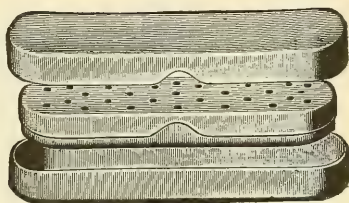
B/-6215-16



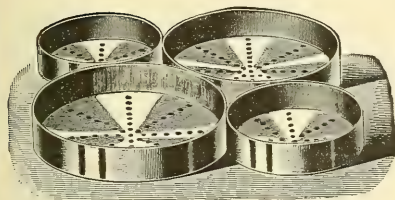
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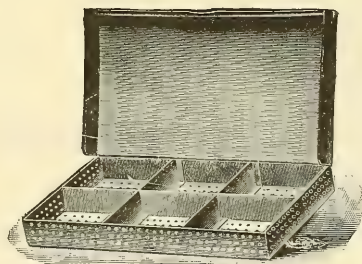
B/-6220-21



B/-6231



B/-6238



B/-6235

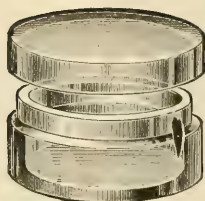
## Needle Cases and Trays

(Continued)

	Each		Each
B/-6215 Needle Box, metal, oblong, with spring, complete with needles.....	\$ 1.50	B/-6227 Needle Sterilizer, metal, round, 3¾ inches.....	\$ 1.25
B/-6216 Needle Box, metal, oblong, with spring, without needles.....	.60	B/-6231 Needle Sterilizer, metal, oblong, 5½ x 1¾ inches.....	1.50
B/-6220 Needle Box, metal, oblong, sliding cover, complete with needles.....	.60	B/-6235 Needle Sterilizer, metal, Albers', with 6 compartments.....	3.25
B/-6221 Needle Box, metal, oblong, sliding cover, without needles.....	.40	B/-6238 Needle Sterilizer, metal, Berlin University Pattern, with 4 round compartments and cover.....	2.50
B/-6225 Needle Sterilizer, metal, round, 2½ inches.....	1.00		



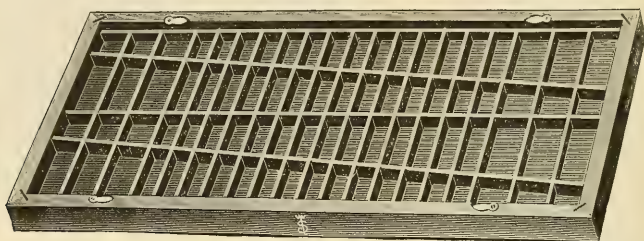
P/-1501



P/-1505



B/-6250



B/-6255

## Needle Cases and Trays

(Continued)

		Dozen
P/-1501	Needle Box, glass, round, with loosely fitting cover:	
	2 inches diameter x $1\frac{1}{4}$ inches high.....	\$ 2.20
	$2\frac{1}{2}$ inches diameter x $1\frac{1}{2}$ inches high.....	2.40
	$3\frac{1}{4}$ inches diameter x $1\frac{3}{4}$ inches high.....	3.60
	4 inches diameter x 2 inches high.....	4.50
	$4\frac{3}{4}$ inches diameter x $2\frac{1}{2}$ inches high.....	5.40
	$5\frac{1}{2}$ inches diameter x $2\frac{1}{2}$ inches high.....	7.20
P/-1505	Needle Box, glass, round, with ground cover:	
	2 inches diameter x $1\frac{1}{4}$ inches high.....	3.60
	$2\frac{3}{4}$ inches diameter x $1\frac{5}{8}$ inches high.....	4.20
	$3\frac{1}{2}$ inches diameter x $1\frac{3}{4}$ inches high.....	4.80
	4 inches diameter x 2 inches high.....	6.00
	$4\frac{3}{4}$ inches diameter x $2\frac{1}{2}$ inches high.....	7.20
	6 inches diameter x $2\frac{1}{2}$ inches high.....	10.80
B/-6250	Needle Vials, glass, with metal screw cap, made for straight, half curved and full curved needles.....	Each \$ .35
B/-6255	Needle Trays, polished oak, with 80 compartments, for keeping needles in stock.....	6.00
*B/-6258	Needle Trays, heavy cardboard, with 40 compartments.....	4.00



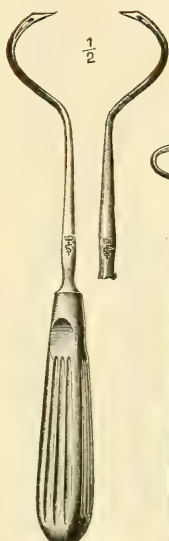
B/-6265



B/-6267



B/-6272



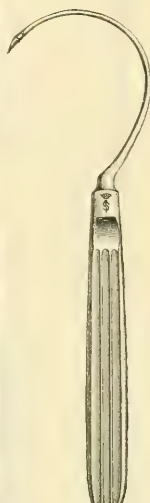
B/-6276



B/-6278



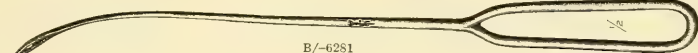
B/-6286



B/-6287



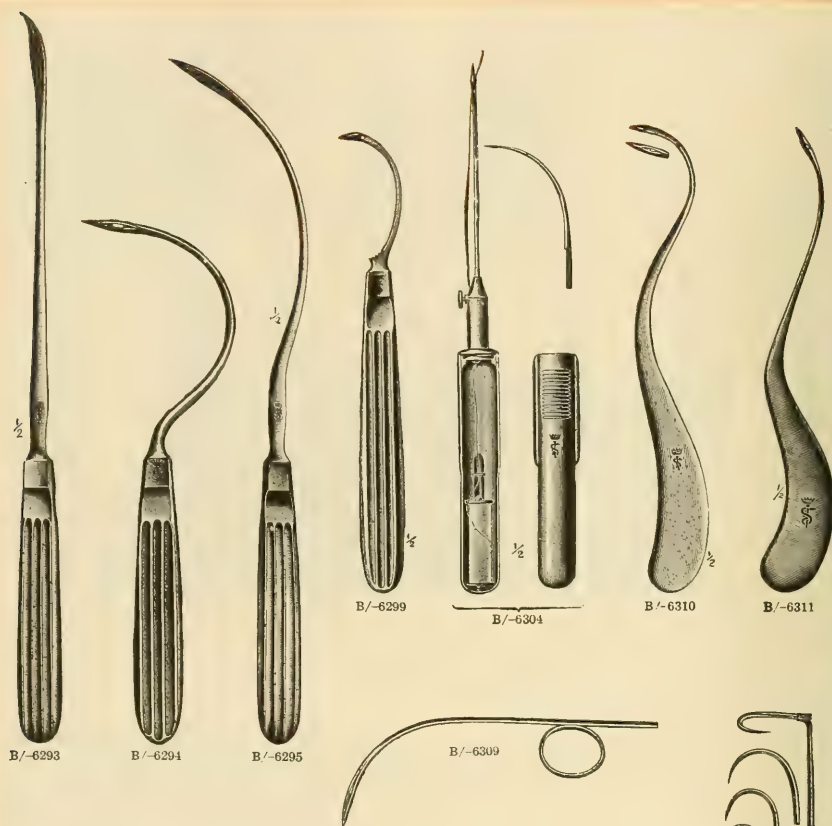
B/-6288



B/-6281

### Needles in Handles

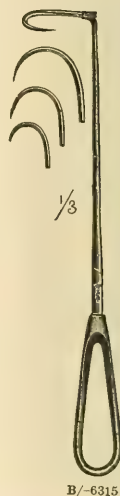
	Each
B/-6265 Plain Perineum Needles, straight . . . . .	\$ 1.00
B/-6267 Plain Perineum Needles, curved . . . . .	1.00
B/-6272 Ashton's Perineum Needles, full curved . . . . .	1.00
B/-6276 Carstens' Perineum Needles, right and left . . . . .	1.25
B/-6278 Carstens' Cervix Needles, right and left . . . . .	1.25
B/-6281 Crofford's Laparotomy Needle, long curved . . . . .	1.25
B/-6286 Doyen's Abdominal Needle, three-eighths curved . . . . .	2.00
B/-6287 Doyen's Abdominal Needle, full curved . . . . .	2.00
B/-6288 Doyen's Abdominal Needle, five-eighths curved . . . . .	2.00



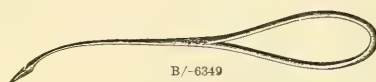
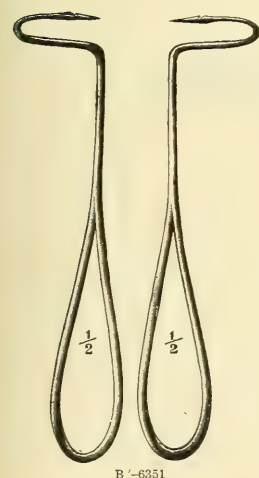
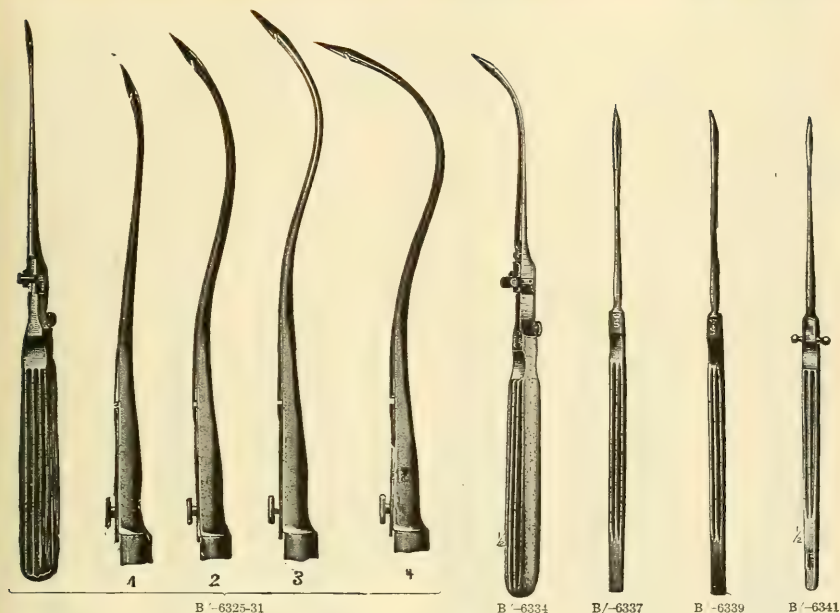
### Needles in Handles

(Continued)

	Each
B/-6293 Emmett's Abdominal Needle, slightly curved . . . . .	\$ 1.75
B/-6294 Emmett's Abdominal Needle, full curved, small . . . . .	1.75
B/-6295 Emmett's Abdominal Needle, full curved, large . . . . .	1.75
B/-6299 Felizet's Perineum Needle . . . . .	1.50
B/-6304 Goetz's Canulated Needle, with reel of silk and extra needle . . . . .	3.50
B/-6309 Hall's Perineum Needle . . . . .	1.00
B/-6310 Hall's Laparotomy Needle . . . . .	1.10
B/-6311 Hall's Laparotomy Needle, open eye . . . . .	1.10
B/-6315 Jack's Gall Bladder Needle, with 3 needles . . . . .	4.00



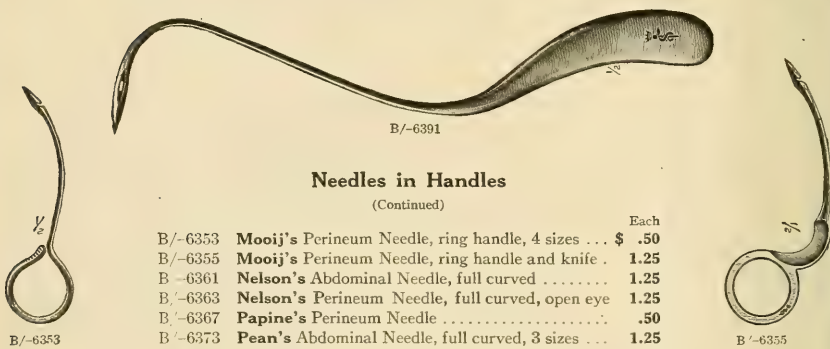
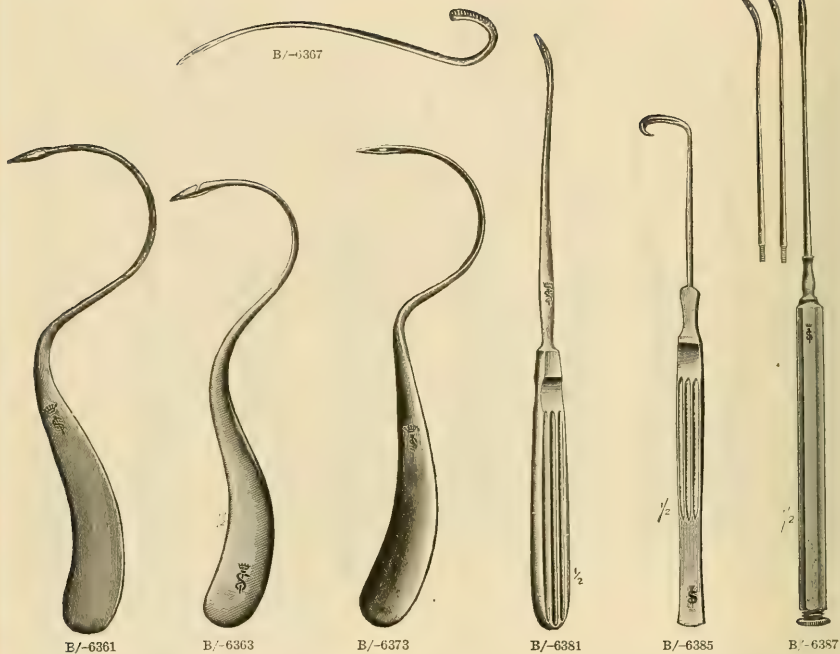




## Needles in Handles

(Continued)

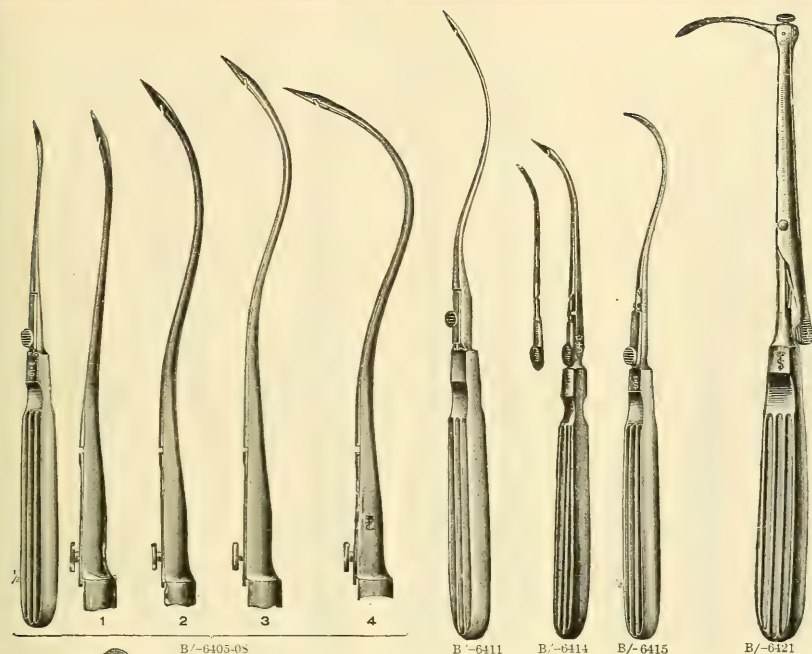
	Each
B/-6325 <b>Keyes'</b> Perineum Needle, automatic, Curve No. 1.....	\$ 3.25
B/-6327 <b>Keyes'</b> Perineum Needle, automatic, Curve No. 2.....	3.25
B/-6329 <b>Keyes'</b> Perineum Needle, automatic, Curve No. 3.....	3.25
B/-6331 <b>Keyes'</b> Perineum Needle, automatic, Curve No. 4.....	3.25
B/-6334 <b>Keyes'</b> Perineum Needle, automatic, with Hagedorn's Point.....	3.75
B/-6337 <b>Keyes'</b> Varicocele Needle, spear point.....	1.25
B/-6339 <b>Keyes'</b> Varicocele Needle, oblique point.....	1.25
B/-6341 <b>Keyes'</b> Varicocele Needle, with 2 eyes.....	1.25
B/-6349 <b>Mooij's</b> Perineum Needle, curved.....	1.00
B/-6351 <b>Mooij's</b> Perineum Needle, curved, right and left.....	1.25



### Needles in Handles

(Continued)

	Each
B/-6353 Mooij's Perineum Needle, ring handle, 4 sizes . . .	\$ .50
B/-6355 Mooij's Perineum Needle, ring handle and knife .	1.25
B/-6361 Nelson's Abdominal Needle, full curved . . . . .	1.25
B/-6363 Nelson's Perineum Needle, full curved, open eye .	1.25
B/-6367 Papine's Perineum Needle . . . . .	.50
B/-6373 Pean's Abdominal Needle, full curved, 3 sizes . . .	1.25
B/-6381 Peaslee's Perineum Needle, curved on flat . . . . .	1.00
B/-6385 Peaslee's Perineum Needle, curved right and left .	1.25
B/-6387 Peaslee's Perineum Needle, set of 3 . . . . .	2.50
B/-6391 Pyle's Abdominal Needle, double curved . . . . .	1.25

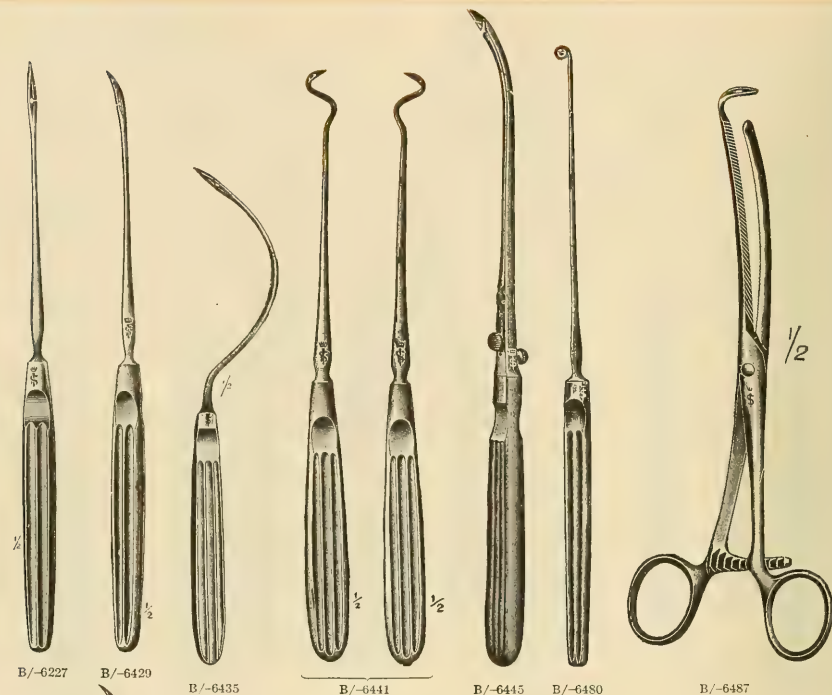


B/-6423

### Needles in Handles

(Continued)

	Each
B/-6405 Reverdin's Perineum Needle, curve No. 1.....	\$ 2.50
B/-6406 Reverdin's Perineum Needle, curve No. 2.....	2.50
B/-6407 Reverdin's Perineum Needle, curve No. 3.....	2.50
B/-6408 Reverdin's Perineum Needle, curve No. 4.....	2.50
B/-6411 Reverdin's Perineum Needle, full curved, extra large.....	3.25
B/-6414 Reverdin's Perineum Needle, curved on flat, with Hagedorn's Point.....	2.75
B/-6415 Reverdin's Perineum Needle, full curved, with Hagedorn's Point...	3.00
B/-6421 Reverdin's Perineum Needle, automatic, curved right and left.....	6.50
B/-6423 Reverdin's Perineum Needle, automatic, set of 3.....	12.00



### Needles in Handles

(Continued)

	Each
B/-6427 <b>Skene's</b> Perineum Needle, open eye, straight	\$ 1.00
B/-6429 <b>Skene's</b> Perineum Needle, open eye, curved	1.00
B/-6435 <b>Tiemann's</b> Perineum Needle, full curved	1.00
B/-6441 <b>Whitehead's</b> Perineum Needle, spiral, curved right and left	1.25
B/-6443 <b>Wilson's</b> Perineum Needle, full curved	.75
B/-6445 <b>Zweifel's</b> Abdominal Needle	3.50

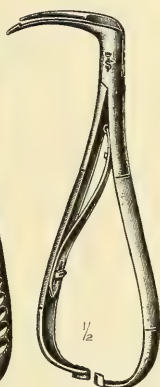
### Ligature Carriers

B/-6480 Plain Ligature Carrier	.75
B/-6484 <b>Allingham's</b> Ligature Carrier, set of 3, with one handle	2.75
B/-6487 <b>Axhausen's</b> Ligature Carrier, with curved needle point	3.25

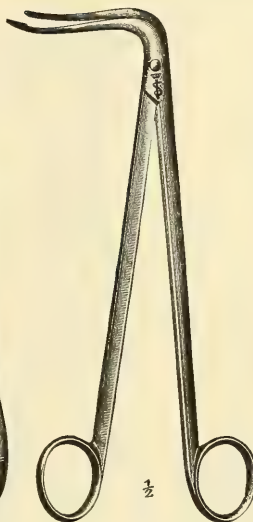




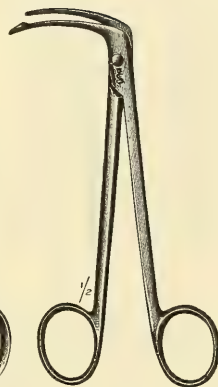
B/-6502



B/-6504



B/-6506

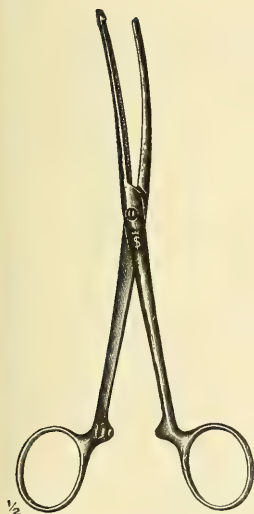


B/-6508

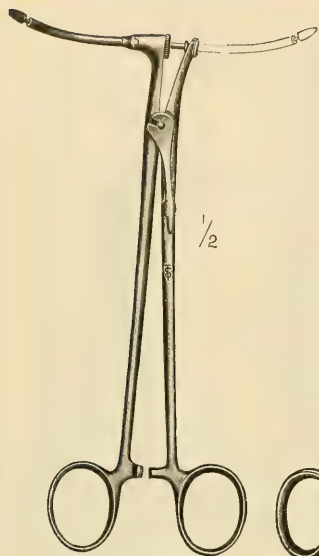
### Ligature Carriers

(Continued)

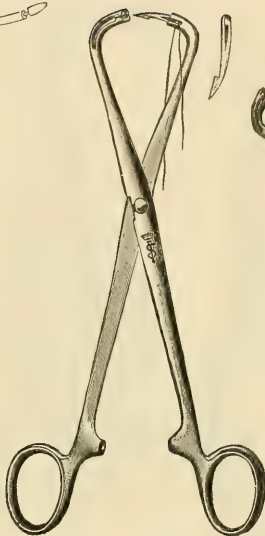
	Each
B/-6491 <b>Barrett's</b> Ligature Carrier.....	\$ 1.75
B/-6502 <b>Cleveland's</b> Ligature Carrier, automatic, large, right and left.....	2.50
B/-6504 <b>Cleveland's</b> Ligature Carrier, automatic, small, right and left.....	2.00
B/-6506 <b>Cleveland's</b> Ligature Carrier, scissors handle, large, right and left.....	2.10
B/-6508 <b>Cleveland's</b> Ligature Carrier, scissors handle, small, right and left.....	2.00



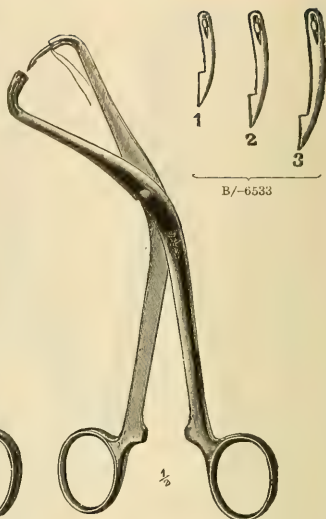
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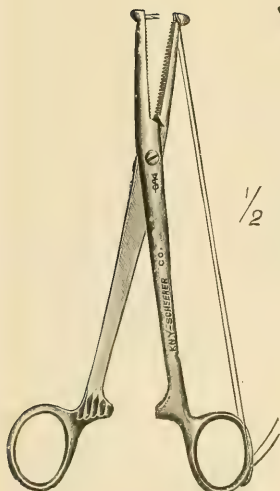
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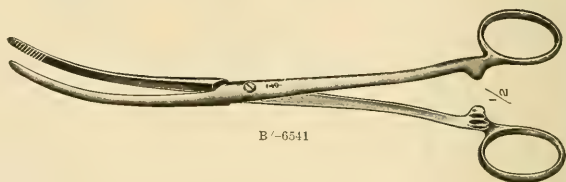
B/-6530



B/ 6531



B/-6536



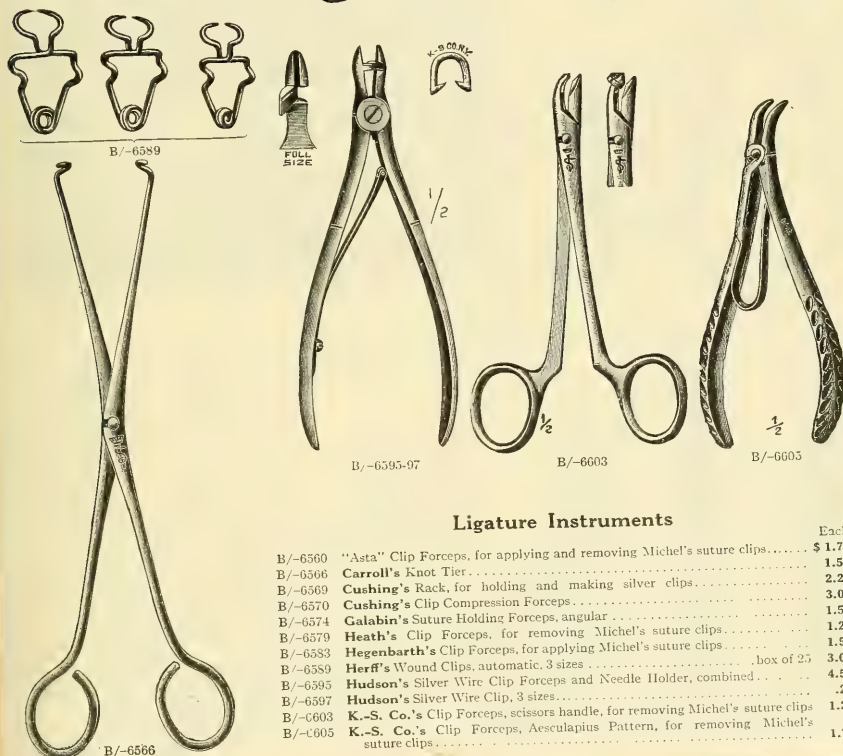
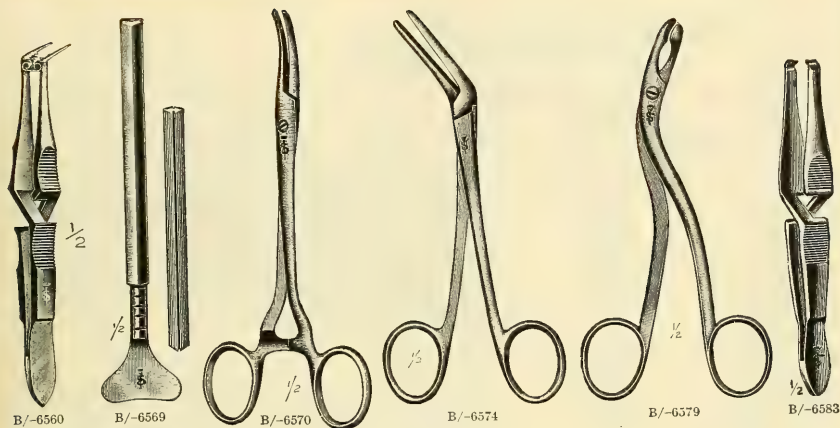
B/-6541

### Ligature Carriers

(Continued)

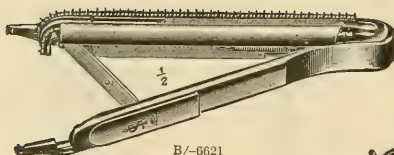
	Each
B/-6520 Hetherington's Ligature Carrier, reversible....	\$ 4.50
B/-6530 Kurz's Ligature Carrier, straight, with 3 needles .	3.00
B/-6531 Kurz's Ligature Carrier, curved, with 3 needles .	4.00
B/-6533 Kurz's Needles, 3 sizes.....	.15
B/-6536 Mallet's Ligature Carrier and Haemostat, combined.....	2.00
B/-6541 Perkins' Ligature Carrier.....	1.75

GUARANTEE OF QUALITY



### Ligature Instruments

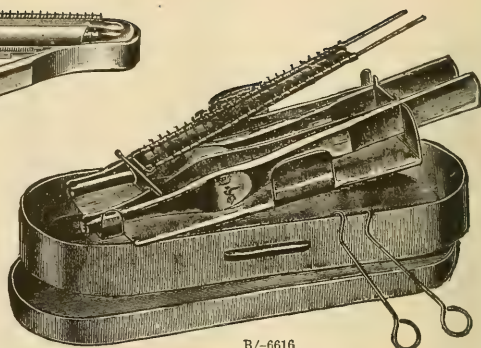
	Each
B/-6560 "Asta" Clip Forceps, for applying and removing Michel's suture clips.....	\$ 1.75
B/-6566 Carroll's Knot Tier.....	1.50
B/-6569 Cushing's Rack, for holding and making silver clips.....	2.25
B/-6570 Cushing's Clip Compression Forceps.....	3.00
B/-6574 Galabin's Suture Holding Forceps, angular.....	1.50
B/-6579 Heath's Clip Forceps, for removing Michel's suture clips.....	1.25
B/-6583 Hegenbarth's Clip Forceps, for applying Michel's suture clips.....	1.50
B/-6589 Herff's Wound Clips, automatic, 3 sizes.....	box of 25 4.50
B/-6595 Hudson's Silver Wire Clip Forceps and Needle Holder, combined.....	3.00
B/-6597 Hudson's Silver Wire Clip, 3 sizes.....	.20
B/-6603 K.-S. Co.'s Clip Forceps, scissors handle, for removing Michel's suture clips.....	1.25
B/-6605 K.-S. Co.'s Clip Forceps, Aesculapian Pattern, for removing Michel's suture clips.....	1.75



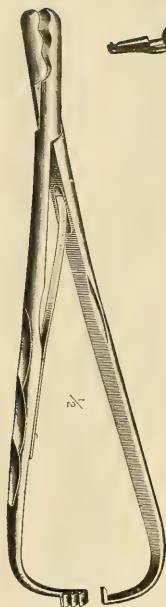
B/-6621



B/-6633



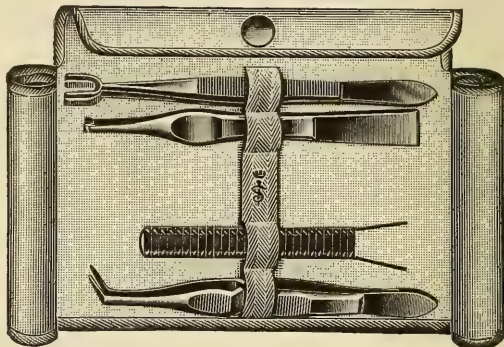
B/-6616



B/-6611



B/-6634



B/-6618

## Ligature Instruments

(Continued)



B/-6625



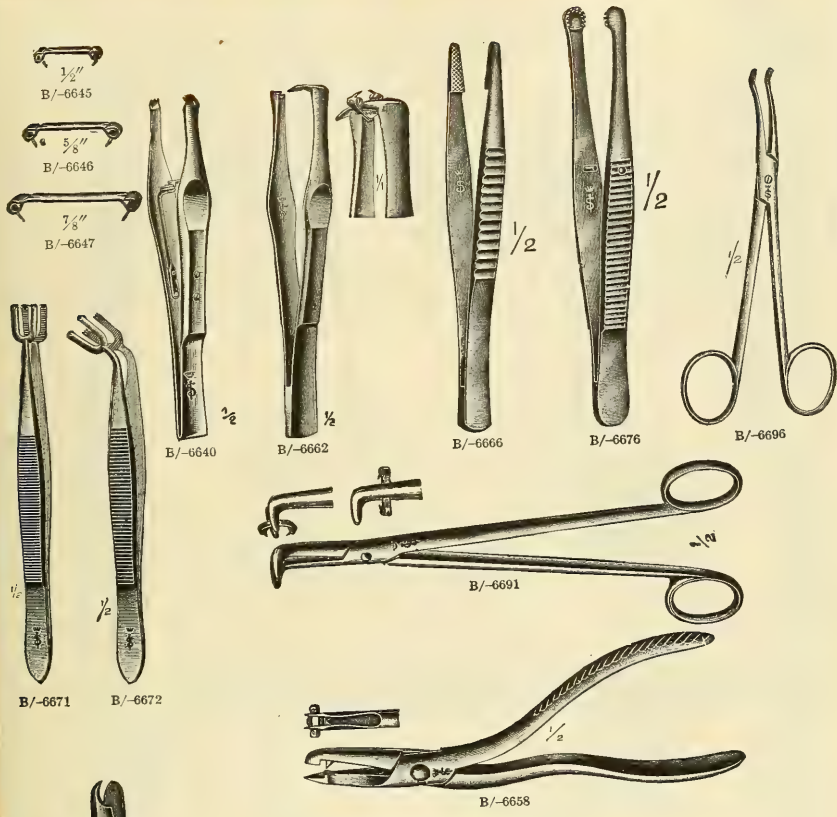
B/-6627



B/-6629

	Each
B/-6611 <b>Lane's Suture Holding Forceps</b> .....	\$ 3.00
B/-6616 <b>Michel's Suture Set, in metal case</b> .....	3.50
<b>Contents:</b>	
2 Michel's Forceps	25 Michel's Suture Clips
2 Michel's Hooks	
B/-6621 <b>Michel's Suture Set, improved, in canvas case</b> .....	4.25
<b>Contents:</b>	
1 Asta Clip Forceps	1 Roubaix's Suture Forceps
1 Michel's Clip Forceps	25 Michel's Clips
B/-6621 <b>Michel's Suture Set, automatic, in metal case</b> .....	10.00
<b>Contents:</b>	
1 Michel's Automatic Forceps	100 Michel's Suture Clips
1 Michel's Plain Forceps	2 Michel's Hooks
B/-6625 <b>Michel's Clip Forceps, plain, for applying Michel's Suture Clips</b> .....	.75
B/-6627 <b>Michel's Clip Forceps, improved, straight, for applying and removing Michel's Suture Clips</b> .....	2.00
B/-6629 <b>Michel's Clip Forceps, improved, curved, for applying and removing Michel's Suture Clips</b> .....	2.00
B/-6633 <b>Michel's Hook, plain, for removing Michel's Suture Clips</b> .....	.05
B/-6634 <b>Michel's Hook, improved, for removing Michel's Suture Clips</b> .....	.60



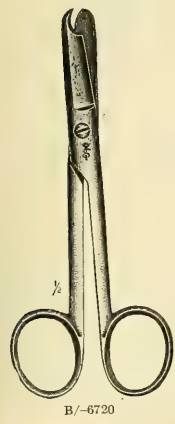


### Ligature Instruments (Continued)

	Each
B/-6640 Michel-Seubert's Clip Forceps, for applying Michel's suture clips.....	\$ 2.50
*B/-6644 Michel's Suture Clips, extra small, 1/16 inch.....	.85
B/-6645 Michel's Suture Clips, small, 1/8 inch.....	.85
B/-6646 Michel's Suture Clips, medium, 3/8 inch.....	1.00
B/-6647 Michel's Suture Clips, large, 1/2 inch.....	1.75
B/-6658 Reimer's Clip Forceps, for removing Michel's suture clips.....	7.50
B/-6662 Reverdin's Clip Forceps, for removing Michel's suture clips.....	1.50
B/-6666 Rochester Needle Extractors.....	1.00
B/-6671 Roubaix's Suture Forceps, straight.....	1.25
B/-6672 Roubaix's Suture Forceps, angular.....	1.50
B/-6676 Russian Needle Extractors.....	1.50
B/-6691 Wagener's Clip Forceps, for removing Michel's suture clips.....	2.25
B/-6696 Wallace's Clip Forceps, for removing Michel's suture clips.....	1.25

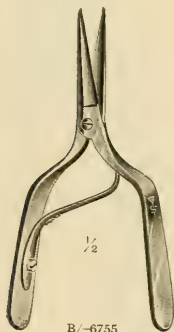
### Ligature Scissors

B/-6720 "Asta" Ligature Scissors.....	1.25
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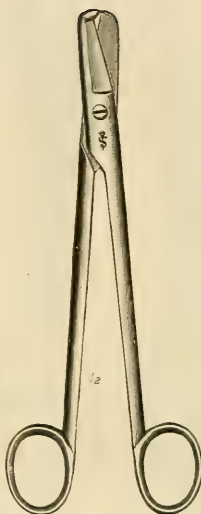




B/-6725



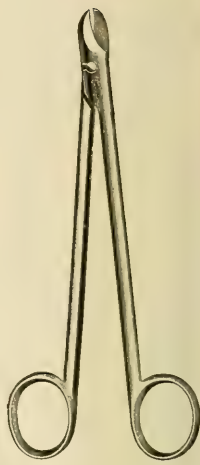
B/-6755



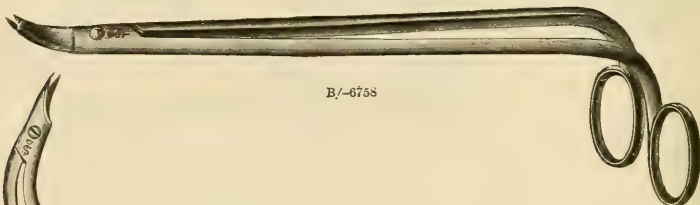
B/-6729



B/-6735



B/-6750



B/-6758



B/-6738

### Ligature Scissors

(Continued)

	Each
B/-6725 <b>Birnie's</b> Ligature Scissors	\$ 1.50
B/-6729 <b>Boldt's</b> Ligature Scissors	2.50
B/-6735 <b>Gusserow's</b> Ligature Scissors	2.25
B/-6738 <b>Heath's</b> Ligature Scissors	1.25
B/-6750 <b>Smith's</b> Ligature Scissors	1.25
B/-6755 <b>Ware's</b> Ligature Scissors	1.25
B/-6758 <b>Wilson's</b> Ligature Scissors	2.00



B/-6801



B/-6805-07



B/-6830-32



B/-6822



B/-6809-11



B/-6834-38



B/-6820



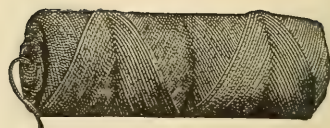
B/-6844

## Sutures and Ligatures

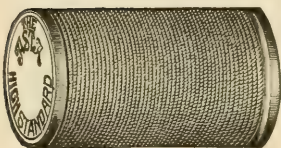
	Each		Each
B/-6801 Braided Silk, Turner's, in hanks, 12 sizes:		B/-6820 Twisted Silk, Pearsall's, in hanks, sizes Nos. 0000	
No. 1, per hank \$ .10	No. 5, per hank \$ .28	No. 9, per hank \$ .46	
No. 2, per hank .13	No. 6, per hank .31	No. 10, per hank .50	
No. 3, per hank .18	No. 7, per hank .34	No. 11, per hank .60	
No. 4, per hank .22	No. 8, per hank .38	No. 12, per hank .70	
B/-6805 Braided Silk, Asta Standard, satin finish, white,			
1/2 cm. on card, sizes Nos. 1 to 20 . . . . .	\$ .12	B/-6832 Twisted Silk, Asta Standard, satin finish, iron	
B/-6807 Braided Silk, Asta Standard, satin finish, iron		died, 1/2 gm. on card, sizes Nos. 1 to 20 . . . . .	.10
died, 1/2 gm. on card, sizes Nos. 1 to 20 . . . . .	.15	B/-6834 Twisted Silk, Asta Standard, satin finish, white,	
B/-6809 Braided Silk, Asta Standard, satin finish, white,		4 sizes on card, in slip case . . . . .	.30
4 sizes on card, in slip case . . . . .	.40	B/-6838 Twisted Silk, Asta Standard, satin finish, iron	
B/-6811 Braided Silk, Asta Standard, satin finish, iron		died, 4 sizes on card, in slip case . . . . .	.30
died, 4 sizes on card, in slip case . . . . .	.40	B/-6844 Twisted Silk, Cable Twist, in hanks, sizes Nos. 1	
		to 20 . . . . .	.20



B/-6850 and B/-6852



B/-6851 and B/-6853



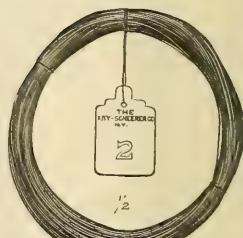
B/-6857



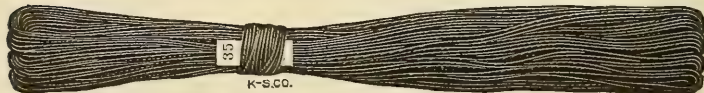
B/-6863-65



B/-6871-79



B/-6885



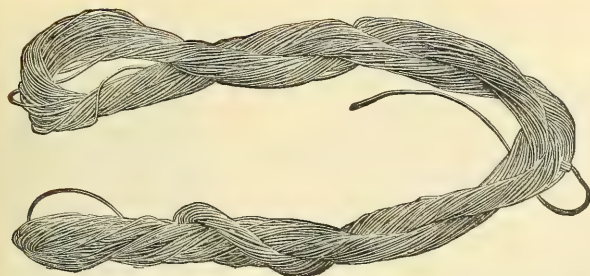
B/-6895-98

## Sutures and Ligatures

(Continued)

	Each		Each
B/-6850 Twisted Silk, white, plain finish, in 2 grm. hanks, sizes Nos. 1 to 20.....	\$ .15	B/-6875 Silk Worm Gut, quality C, Padrone Selecto, 14 inches, 100 strings in bundle.....	\$ .90
B/-6851 Twisted Silk, white, plain finish, in 5 grm. hanks, sizes Nos. 1 to 20.....	.35	B/-6877 Silk Worm Gut, quality D, Padrone Superior, 13½ inches, 100 strings in bundle.....	.75
D/-6852 Twisted Silk, white, satin finish, in 2 grm. hanks, sizes Nos. 1 to 20.....	.20	B/-6879 Silk Worm Gut, quality E, Padrone regular, 14 inches, 100 strings in bundle.....	.50
B/-6853 Twisted Silk, white, satin finish, in 5 grm. hanks, sizes Nos. 1 to 20.....	.45	B/-6885 Dry Catgut, in bundles of 10 strings, each string 10 feet long:	
B/-6857 Twisted Silk, white, Asta Standard, 2 grm., on wooden spools, sizes Nos. 1 to 20.....	.20	No. 00, Brown & Sharpe's No. 30.....	.35
B/-6863 Twisted Silk, white, Kirby's, for vein suture, 5 meters on reel.....	.50	No. 0, Brown & Sharpe's No. 28.....	.40
B/-6864 Twisted Silk, white, Kirby's, or vein suture, 10 meters on reel.....	1.00	No. 1, Brown & Sharpe's No. 26.....	.50
D/-6865 Twisted Silk, white, Kirby's, for vein suture, 50 meters on reel.....	3.50	No. 2, Brown & Sharpe's No. 25.....	.60
B/-6871 Silk Worm Gut, quality A, Marana Selecto, 13 inches, 100 strings in bundle.....	1.50	No. 3, Brown & Sharpe's No. 23.....	.70
B/-6873 Silk Worm Gut, quality B, Marana Superior, 13 inches, 100 strings in bundle.....	1.25	No. 4, Brown & Sharpe's No. 22.....	.85
		No. 5, Brown & Sharpe's No. 21.....	1.00
		No. 6, Brown & Sharpe's No. 20.....	1.10
		B/-6895 Linen Thread, Mayo's, iron dyed, No. 25, in hanks.....	.15
		B/-6896 Linen Thread, Mayo's, iron dyed, No. 35, in hanks.....	.20
		B/-6897 Linen Thread, Mayo's, iron dyed, No. 50, in hanks.....	.25
		B/-6898 Linen Thread, Mayo's, iron dyed, No. 90, in hanks.....	.30





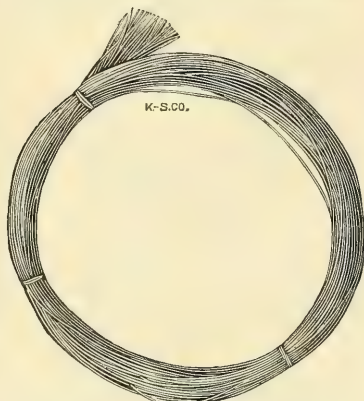
B/-6905-07



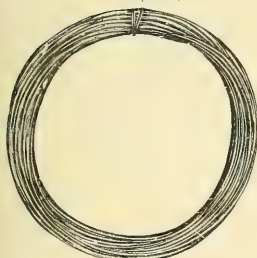
B/-6913



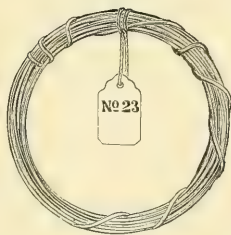
B/-6919



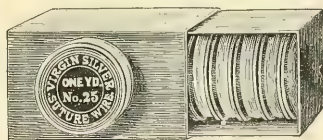
B/-6912



B/-6925



B/-6930-36



B/-6939

## Sutures and Ligatures

(Continued)

	Each		Each
B/-6905 Pagenstecher's Celluloid Yarn, in 5 grm. hanks, 8 sizes Nos. 00 to 6.....	.25	B/-6925 Wire, Aluminum Bronze, 4 coils of 20 feet each, in box.....	\$ .50
B/-6907 Braun's Celluloid Yarn, 4 sizes.....	.30	B/-6930 Wire, Silver, pure, Nos. 22 to 30, B. & S. gauge, in coils.....	2.00
B/-6912 Kangaroo Tendons, unfinished, assorted sizes, dozen.....	1.00	B/-6933 Wire, Silver, pure, No. 14, B. & S. gauge, per foot.....	.40
B/-6913 Kangaroo Tendons, 10 strings in carbolized oil, in bottle.....	1.25	B/-6934 Wire, Silver, pure, No. 16, B. & S. gauge, per foot.....	.30
B/-6919 Horsehair Ligatures, dry, 100 in envelope.....	.25	B/-6935 Wire, Silver, pure, No. 18, B. & S. gauge, per foot.....	.25
		B/-6936 Wire, Silver, pure, No. 20, B. & S. gauge, per foot.....	.18
		B/-6939 Wire, Silver, pure, 6 spools of 1 yard each, in box.....	1.00



B/-6945



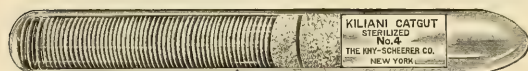
B/-6953-55



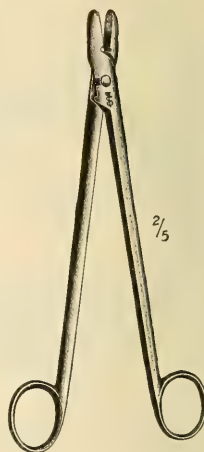
B/-6960



B 6965



B/-6975



B 6968

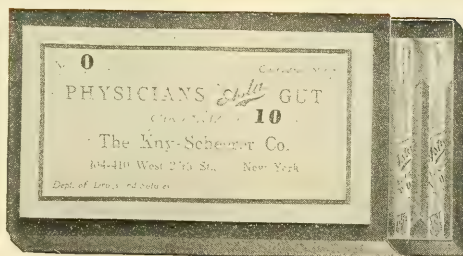
## Sutures and Ligatures

(Continued)

B/-6945	Wire Silk, Vienna, 8 sizes, in coils:						Each	
	No. 00, per foot . . .	\$.07	No. 1, per foot . . .	\$.10	No. 3, per foot . . .	\$.15	No. 5, per foot . . .	\$.20
	No. 0, per foot . . .	.08	No. 2, per foot . . .	.13	No. 4, per foot . . .	.18	No. 6, per foot . . .	.25
This suture material is very strong and, unlike other wire sutures, will be absorbed in the tissue after a certain length of time.								
B/-6953	Wire Gauze Nets, silver, for covering wounds, $3\frac{3}{4} \times 4\frac{3}{4}$ inches . . . . .							\$ 3.75
B/-6954	Wire Gauze Nets, silver, for covering wounds, $3\frac{1}{2} \times 4\frac{1}{2}$ inches . . . . .							3.50
B/-6955	Wire Gauze Nets, silver, for covering wounds, $2\frac{3}{4} \times 3\frac{1}{2}$ inches . . . . .							3.00
B/-6960	Halsted's Silver Foil, 24 sheets to book . . . . .							.40
B/-6965	Perforated Shot, 4 sizes, in bottles of 100 . . . . .							.50
B/-6968	Shot Compressing Forceps . . . . .							1.50
B/-6975	Kiliani's Sterilized Catgut, dry, in glass tubes, 5 feet lengths, sizes Nos. 0 to 6 . . . . . dozen							2.00



B/-6985-7003



B/-7015-17

**"Asta"**

Sterile Sutures in Tubes  
(In Alcohol)

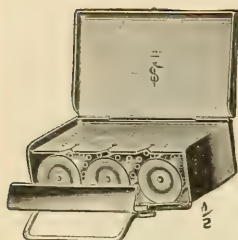
Each tube contains five feet of strongest selected catgut, absolutely sterile. The "Asta" Catgut is subjected to sterilization in dry state in a Kny-Scheerer Co.'s autoclave, up to a temperature of 140 degrees, centigrade, for two hours. Thereupon the tubes are filled with absolute alcohol, and, after being hermetically sealed, are subjected to fractional sterilization under strong pressure. "Asta" sterile catgut is furnished either *plain* or *chromicized* in sizes, 0, 1, 2, 3, 4, 5, 6.

We also furnish: "Asta" Sterile Silk in all sizes; Kangaroo Tendon—thin, medium and strong; Silk-worm Gut—small, medium and large; Horsehair, sterilized according to methods described above.

	Dozen		Dozen
B/-6985 "Asta" Catgut, plain sterilized, in tubes, in absolute alcohol, 5 feet in tube, sizes Nos. 0 to 6. . . . .	\$ 2.25	B/-6995 "Asta" Catgut, iodized, in glass tubes, with iodine solution, each containing 5 feet, in sizes Nos. 0 to 6. . . . .	\$ 2.25
B/-6987 "Asta" Catgut, chromicized in absolute alcohol, in tubes, prepared to resist absorption in 10 or 20 days each, 5 feet in tube, sizes Nos. 0 to 6. . . . .	2.25	B/-6997 "Asta" Catgut, iodized, dry, in glass tubes, each containing 5 feet, in sizes Nos. 0 to 6. . . . .	2.25
B/-6989 "Asta" Catgut, chromicized dry, in tubes, prepared to resist absorption in 10 or 20 days each, 5 feet in tube, sizes Nos. 0 to 6. . . . .	2.25	B/-6999 "Asta" Catgut, sterilized with colloidal silver, method suggested by Dr. Pilcher, in glass tubes, each containing 5 feet, in sizes Nos. 0 to 6. . . . .	3.00
B/-6991 "Asta" Silk, twisted, in absolute alcohol, 5 feet in tube, sizes Nos. 1 to 20. . . . .	2.25	B/-7001 "Asta" Kangaroo Tendons of selected stock and carefully finished. Sterilized in absolute alcohol, in tubes, 3 assorted sizes in each glass tube. . . . .	2.25
B/-6993 "Asta" Silk, braided, in absolute alcohol, 5 feet in tube, sizes Nos. 1 to 20. . . . .	2.25	B/-7003 "Asta" Horse Hair, sterilized, selected stock collected from live animals, in glass tubes, each containing 6 strands. . . . .	2.25

**"Asta" Emergency Catgut**

	Dozen		Dozen
B/-7015 "Asta" Catgut, plain, in absolute alcohol, 12 inches in tube, sizes Nos. 0 to 6. . . . .	\$ 1.00	B/-7017 "Asta" Catgut, chromicized, in absolute alcohol, 12 inches in tube, sizes Nos. 0 to 6. . . . .	\$ 1.00



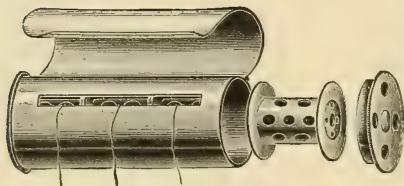
B/-7035



B/-7036



B/-7045



B/-7039



P/-1382



P/-1381



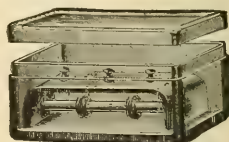
P/-1387



P/-1389



P/-1303a-b



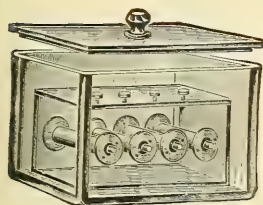
P/-1402

## Sutures and Ligatures

(Continued)

	Each
B/-7035 Ligature Sterilizer, U. S. A. Pattern, small	\$ 2.25
B/-7036 Ligature Sterilizer, U. S. A. Pattern, large	2.50
B/-7039 Ligature Sterilizer, cylindrical, with 3 spools	2.25
B/-7045 Ligature Box, metal, round, with 1 spool	.50
P/-1381 Ligature Jar, glass, cylindrical, on heavy foot, with ground-in stopper, 2½ inches diameter by 10¼ inches high	1.00
P/-1382 Ligature Jar, glass, cylindrical, on heavy foot, with overlapping cover, 2½ inches diameter by 10¼ inches high	1.00
P/-1387 Ligature Bottle, glass, with 1 spool, 2¼ inches diameter by 2 inches high	.60
P/-1389 Ligature Bottle, glass, with ground stopper and 1 spool	.65
P/-1393a Ligature Jar, glass, with extra inside cylinder, carrying 4 spools	2.25
P/-1393b Ligature Jar, glass, with extra inside cylinder, carrying 6 spools	3.50
P/-1402 Ligature Box, glass, with overlapping cover, with 3 spools, size 5½ x 2¼ x 2¼ inches	2.65

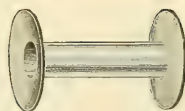




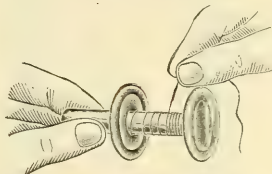
P/-1410



P 1438-40



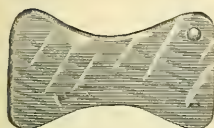
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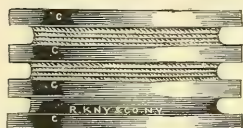
P/-1455



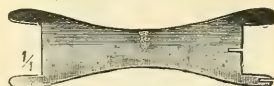
P/-1456



P/-1466



P/-1470



B/-7065



B/-7067



P/-1480-82

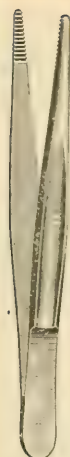


P/-1476

## Sutures and Ligatures

(Continued)

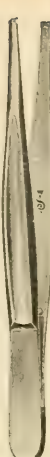
		Each
P -1410	Ligature Box, glass, with knobbed cover and extra inside glass box, and 4 spools, size 6 1/4 x 3 1/2 x 3 1/4 inches, .....	\$ 5.50
		Dozen
P -1438	Ligature Spools, glass, hollow, diameter 3/8 inch, length 1 1/4 inches, .....	.15
	diameter 3/8 inch, length 1 1/2 inches, .....	.20
	diameter 3/8 inch, length 1 3/4 inches, .....	.25
	diameter 3/8 inch, length 1 3/4 inches, .....	.30
	diameter 1 inch, length 2 inches, .....	.35
P -1440	Ligature Spools, glass, solid, diameter 3/8 inch, length 1 1/4 inches, .....	.35
	diameter 3/8 inch, length 1 1/2 inches, .....	.40
	diameter 3/8 inch, length 1 3/4 inches, .....	.45
	diameter 3/8 inch, length 1 3/4 inches, .....	.50
	diameter 1 inch, length 2 inches, .....	.55
P 1448	Ligature Spools, heavy glass, ground on surface, to prevent slipping, diameter 1 1/4 inches, length 2 inches, .....	1.50
	diameter 1 1/2 inches, length 2 1/2 inches, .....	2.00
P/-1455	Powell's "Handy" Ligature Spools, glass, with handle, .....	.50
P/-1456	Kelly-Halsted's Ligature Spools, made of solid glass, .....	.75
P/-1466	Ligature Reel, glass, polished plate, flat, small, .....	2.00
	medium, .....	2.25
	large, .....	2.40
P/-1470	Ligature Reel, glass, polished plate, flat, for 3 sizes of sutures, .....	9.90
P/-1476	Ligature Reel, glass, polished plate, flat, long pattern, .....	9.00
B -7065	Ligature Reel, metal, for 1 size, .....	.60
B/-7067	Ligature Reel, metal, for 2 sizes, .....	.75
		Each
P/-1480	Ligature Plate, crystal glass, with 6 compartments, .....	1.00
P/-1482	Ligature Plate, opaque glass, with 6 compartments, .....	1.25



B -7115-39



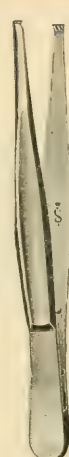
B/-7155-79



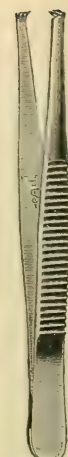
B/-7195-7209



B -7225-39



B 7255-69



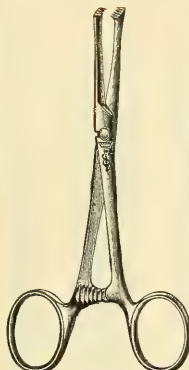
B/-7279-93

## Dressing Forceps

	Each		Each
B -7115 Thumb Forceps, Gutsch handles, 3 inches	\$ .30	B 7227 Tissue Forceps, 1 and 2 teeth, serrated handles, 3 1/2 inches	\$ .40
B -7117 Thumb Forceps, Gutsch handles, 3 1/2 inches	.30	B -7229 Tissue Forceps, 1 and 2 teeth, serrated handles, 4 inches	.45
B -7119 Thumb Forceps, Gutsch handles, 4 inches	.35	B -7231 Tissue Forceps, 1 and 2 teeth, serrated handles, 4 1/2 inches	.45
B/-7121 Thumb Forceps, Gutsch handles, 4 1/2 inches	.40	B 7233 Tissue Forceps, 1 and 2 teeth, serrated handles, 5 inches	.50
B -7123 Thumb Forceps, Gutsch handles, 5 inches	.45	B -7235 Tissue Forceps, 1 and 2 teeth, serrated handles, 5 1/2 inches	.55
B -7125 Thumb Forceps, Gutsch handles, 5 1/2 inches	.55	B -7237 Tissue Forceps, 1 and 2 teeth, serrated handles, 6 inches	.65
B -7127 Thumb Forceps, Gutsch handles, 6 inches	.60	B -7239 Tissue Forceps, 1 and 2 teeth, serrated handles, 7 inches	.80
B -7129 Thumb Forceps, Gutsch handles, 7 inches	.90	B -7255 Tissue Forceps, 2 and 3 teeth, Gutsch handles, 3 inches	.55
B/-7131 Thumb Forceps, Gutsch handles, 8 inches	1.00	B -7257 Tissue Forceps, 2 and 3 teeth, Gutsch handles, 3 1/2 inches	.60
B/-7133 Thumb Forceps, Gutsch handles, 9 inches	1.10	B -7259 Tissue Forceps, 2 and 3 teeth, Gutsch handles, 4 inches	.60
B/-7135 Thumb Forceps, Gutsch handles, 10 inches	1.25	B -7261 Tissue Forceps, 2 and 3 teeth, Gutsch handles, 4 1/2 inches	.65
B/-7137 Thumb Forceps, Gutsch handles, 11 inches	1.40	B -7263 Tissue Forceps, 2 and 3 teeth, Gutsch handles, 5 inches	.65
B -7139 Thumb Forceps, Gutsch handles, 12 inches	1.50	B -7265 Tissue Forceps, 2 and 3 teeth, Gutsch handles, 5 1/2 inches	.70
B -7155 Thumb Forceps, serrated handles, 3 inches	.30	B -7267 Tissue Forceps, 2 and 3 teeth, Gutsch handles, 6 inches	.75
B/-7157 Thumb Forceps, serrated handles, 3 1/2 inches	.30	B -7269 Tissue Forceps, 2 and 3 teeth, Gutsch handles, 7 inches	.85
B -7159 Thumb Forceps, serrated handles, 4 inches	.35	B 7279 Tissue Forceps, 2 and 3 teeth, serrated handles, 3 inches	.55
B -7161 Thumb Forceps, serrated handles, 4 1/2 inches	.40	B 7281 Tissue Forceps, 2 and 3 teeth, serrated handles, 3 1/2 inches	.60
B -7163 Thumb Forceps, serrated handles, 5 inches	.45	B 7283 Tissue Forceps, 2 and 3 teeth, serrated handles, 4 inches	.60
B/-7165 Thumb Forceps, serrated handles, 5 1/2 inches	.55	B -7285 Tissue Forceps, 2 and 3 teeth, serrated handles, 4 1/2 inches	.65
B -7167 Thumb Forceps, serrated handles, 6 inches	.60	B -7287 Tissue Forceps, 2 and 3 teeth, serrated handles, 5 inches	.65
B/-7169 Thumb Forceps, serrated handles, 7 inches	.90	B -7289 Tissue Forceps, 2 and 3 teeth, serrated handles, 5 1/2 inches	.70
B/-7171 Thumb Forceps, serrated handles, 8 inches	1.00	B -7291 Tissue Forceps, 2 and 3 teeth, serrated handles, 6 inches	.75
B -7173 Thumb Forceps, serrated handles, 9 inches	1.10	B -7293 Tissue Forceps, 2 and 3 teeth, serrated handles, 7 inches	.85
B/-7175 Thumb Forceps, serrated handles, 10 inches	1.25		
B/-7177 Thumb Forceps, serrated handles, 11 inches	1.40		
B/-7179 Thumb Forceps, serrated handles, 12 inches	1.50		
B/-7195 Tissue Forceps, 1 and 2 teeth, Gutsch handles, 3 inches	.40		
B -7197 Tissue Forceps, 1 and 2 teeth, Gutsch handles, 3 1/2 inches	.40		
B/-7199 Tissue Forceps, 1 and 2 teeth, Gutsch handles, 4 inches	.45		
B 7201 Tissue Forceps, 1 and 2 teeth, Gutsch handles, 4 1/2 inches	.45		
B -7203 Tissue Forceps, 1 and 2 teeth, Gutsch handles, 5 inches	.50		
B -7205 Tissue Forceps, 1 and 2 teeth, Gutsch handles, 5 1/2 inches	.55		
B/-7207 Tissue Forceps, 1 and 2 teeth, Gutsch handles, 6 inches	.65		
B -7209 Tissue Forceps, 1 and 2 teeth, Gutsch handles, 7 inches	.80		
B/-7225 Tissue Forceps, 1 and 2 teeth, serrated handles, 3 inches	.40		



B/-7307-09



B/-7320



B/-7337



B/-7347-49



B/-7360



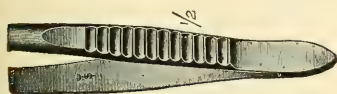
B/-7361



B/-7362



B/-7363



B/-7379



B/-7380



B/-7376

## Dressing Forceps

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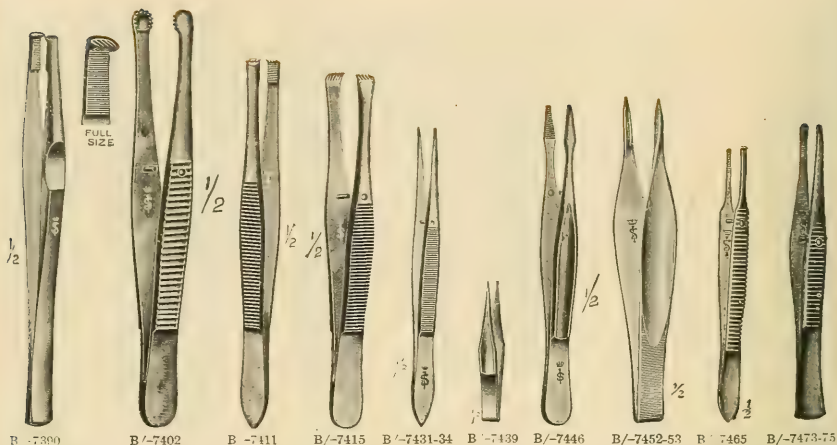


B/-7372



B/-7330

	Each
B/-7307 Tissue Forceps, 3 x 4 teeth, 4 inches.....	\$ .90
B/-7308 Tissue Forceps, 3 x 4 teeth, 5 inches.....	1.00
B/-7309 Tissue Forceps, 3 x 4 teeth, 6 inches.....	1.10
B/-7320 Doyen's Tissue Forceps, scissor handles.....	1.35
B/-7330 English Pattern Tissue Forceps, extra heavy, 7 inches.....	1.50
B/-7337 Farkas' Tissue Forceps.....	1.00
B/-7347 Gutsch's Tissue Forceps, 4 x 5 teeth, 4½ inches.....	.70
B/-7348 Gutsch's Tissue Forceps, 4 x 5 teeth, 5 inches.....	.75
B/-7349 Gutsch's Tissue Forceps, 4 x 5 teeth, 5½ inches.....	.85
B/-7360 Kelly-Halsted's Tissue Forceps, serrated tips, 5 inches....	.75
B/-7361 Kelly-Halsted's Tissue Forceps, 1 x 2 teeth, 5 inches.....	.80
B/-7362 Kelly-Halsted's Tissue Forceps, 2 x 3 teeth, 5 inches.....	.90
B/-7363 Kelly-Halsted's Tissue Forceps, 3 x 4 teeth, 5 inches.....	1.00
B/-7372 Lerche's Tissue Forceps, 5 x 6 teeth, 6 inches.....	1.00
B/-7376 Lyle's Tissue Forceps, extra heavy, 4 x 5 teeth.....	1.50
B/-7379 Mayo's Tissue Forceps, 3½ inches.....	.75
B/-7380 Mayo's Tissue Forceps, 6 inches.....	1.25



### Dressing Forceps

(Continued)

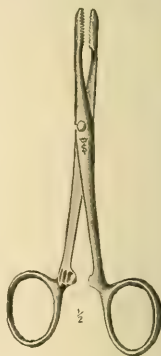
		Each
B/-7390	<b>Otto's</b> Tissue Forceps, 4x5 teeth, 5¼ inches	\$ .75
B/-7402	Russian Tissue Forceps.....	1.50
B/-7411	<b>Stille's</b> Tissue Forceps.....	.75
B/-7415	<b>Stone's</b> Tissue Forceps.....	1.00

## Splinter Forceps

B/-7431	Plain Splinter Forceps, 2½ inches.....	.40
B/-7432	Plain Splinter Forceps, 3 inches.....	.40
B/-7433	Plain Splinter Forceps, 3½ inches.....	.40
B/-7434	Plain Splinter Forceps, 4 inches.....	.50
B/-7439	<b>Adams'</b> Splinter Forceps, 2 inches.....	.40
B/-7446	Diamond Point Splinter Forceps.....	1.00
B/-7452	<b>Feilchenfeld's</b> Splinter Forceps, 3 inches.....	.75



B/-7491-93



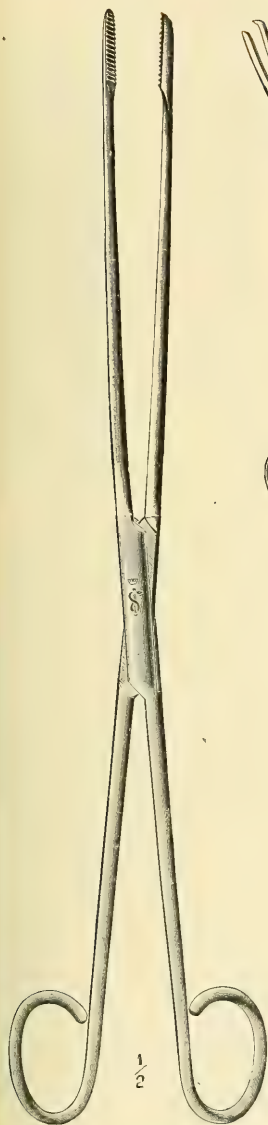
B/-7498

B/-7453	<b>Feilchenfeld's</b> Splinter Forceps, 4½ inches.....	\$ 1.00
B/-7465	<b>Little's</b> Splinter Forceps, 4 inches.....	.60
B/-7473	Nickeline Splinter Forceps, 3 inches.....	.60
B/-7474	Nickeline Splinter Forceps, 4 inches.....	.65
B/-7475	Nickeline Splinter Forceps, 4½ inches.....	.75

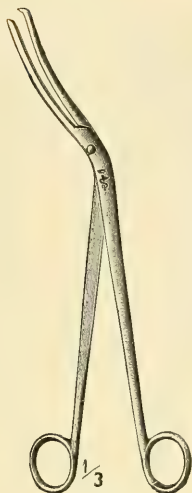
### Polypus Dressing Forceps

B-7491	Polypus Dressing Forceps, $4\frac{1}{2}$ inches.	.75
B-7492	Polypus Dressing Forceps, 5 inches.	.90
B-7493	Polypus Dressing Forceps, $5\frac{1}{2}$ inches.	1.00
B-7498	Polypus Dressing Forceps and Needle Forceps.	1.00





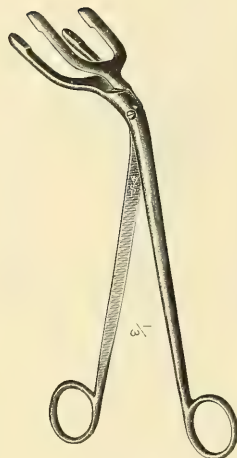
B/-7538-40



B/-7523



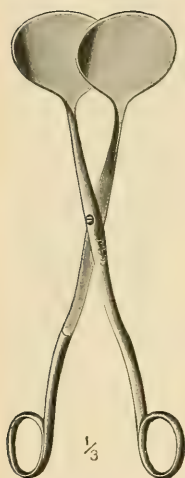
B/-7528



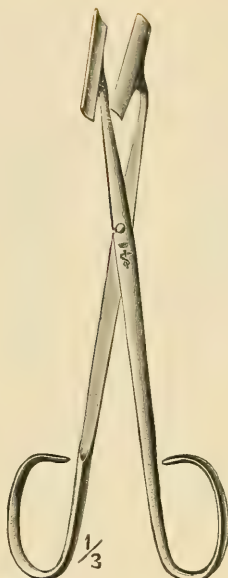
B/-7550

### Sterilizer Forceps

	Each
B/-7523 Cheate's Sterilizer Forceps	\$ 1.75
B/-7528 Collin's Sterilizer Forceps	2.75
B/-7538 Lagai's Sterilizer Forceps, 15 inches	2.00
B/-7540 Lagai's Sterilizer Forceps, 20 inches	3.00
These forceps can also be used for removing anatomical specimens from deep jars.	
B/-7550 Smith's Sterilizer Forceps, for removing basins, etc., from sterilizer	4.50



B/-7552



B/-7556

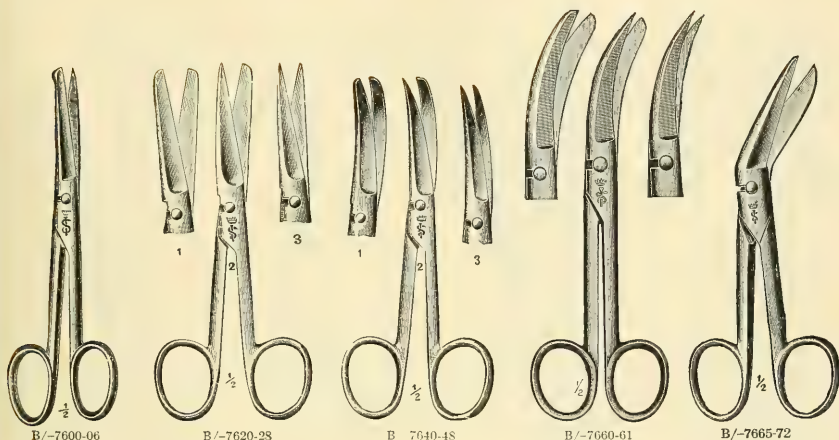


B/-7561-63

### Sterilizer Forceps

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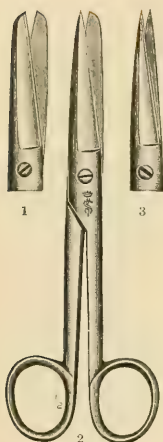
	Each
B/-7552 Smith's Sterilizer Forceps, for squeezing sterile sponges.....	\$3.50
B/-7556 Van der Poel's Sterilizer Forceps .....	3.50
B/-7561 Three Prong Sterilizer Forceps, 8 inches.....	2.00
B/-7563 Three Prong Sterilizer Forceps, 12 inches.....	2.75



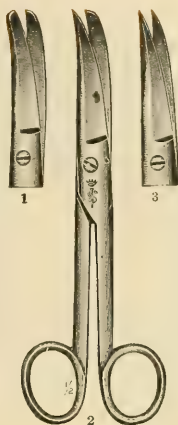
## Scissors

	Each
B/-7600 Straight Scissors, with one probe point, 4 inches.....	\$ .75
B/-7602 Straight Scissors, with one probe point, 4½ inches.....	.75
B/-7604 Straight Scissors, with one probe point, 5 inches.....	.90
B/-7606 Straight Scissors, with one probe point, 5½ inches.....	1.00
B/-7620 Straight Scissors, 3 inches.....	.50
B/-7621 Straight Scissors, 3½ inches.....	.50
B/-7622 Straight Scissors, 4 inches.....	.50
B/-7623 Straight Scissors, 4½ inches.....	.60
B/-7624 Straight Scissors, 5 inches.....	.65
B/-7625 Straight Scissors, 5½ inches.....	.70
B/-7626 Straight Scissors, 6 inches.....	.85
B/-7627 Straight Scissors, 6½ inches.....	.90
B/-7628 Straight Scissors, 7¼ inches.....	1.00
B/-7640 Curved on flat Scissors, 3 inches.....	.70
B/-7641 Curved on flat Scissors, 3½ inches.....	.70
B/-7642 Curved on flat Scissors, 4 inches.....	.75
B/-7643 Curved on flat Scissors, 4½ inches.....	.85
B/-7644 Curved on flat Scissors, 5 inches.....	.90
B/-7645 Curved on flat Scissors, 5½ inches.....	.95
B/-7646 Curved on flat Scissors, 6 inches.....	1.10
B/-7647 Curved on flat Scissors, 6½ inches.....	1.15
B/-7648 Curved on flat Scissors, 7¼ inches.....	1.25
B/-7660 Curved sideways Scissors, 5½ inches.....	1.00
B/-7661 Curved sideways Scissors, 6 inches.....	1.15
B/-7665 Angular Scissors, 3 inches.....	.55
B/-7666 Angular Scissors, 3½ inches.....	.60
B/-7667 Angular Scissors, 4 inches.....	.60
B/-7668 Angular Scissors, 4½ inches.....	.65
B/-7669 Angular Scissors, 5 inches.....	.80
B/-7670 Angular Scissors, 5½ inches.....	.85
B/-7671 Angular Scissors, 6 inches.....	.90
B/-7672 Angular Scissors, 6½ inches.....	1.10

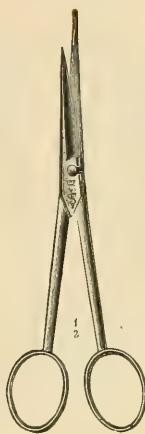
When ordering Scissors B/-7620 to B/-7661, specify points desired as illustrated: No. 1, both points blunt; No. 2, one sharp point and one blunt point; No. 3, both points sharp.



B - 7689-93



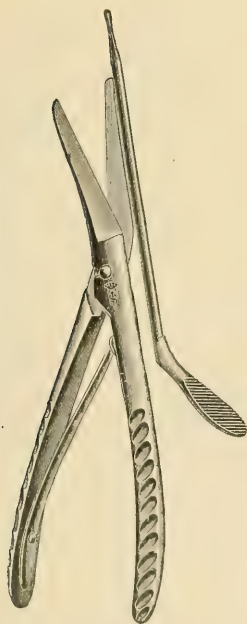
B - 7695-99



B/-7735



B - 7737



B/ 7725

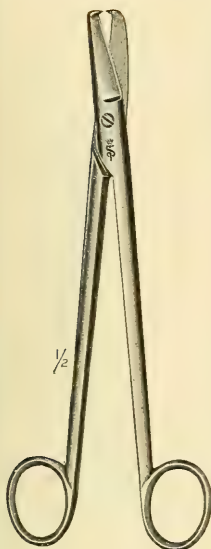
## Scissors

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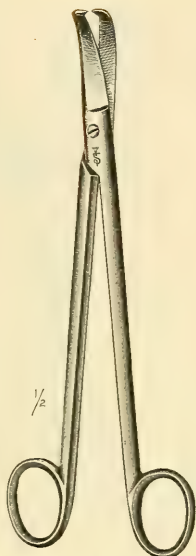
	Each
B/-7689 Hand Forged Scissors, straight, 5 inches, screw lock.....	\$ 1.30
B/-7690 Hand Forged Scissors, straight, 5½ inches, screw lock.....	1.40
B/-7691 Hand Forged Scissors, straight, 6 inches, screw lock.....	1.50
B/-7692 Hand Forged Scissors, straight, 6½ inches, screw lock.....	1.60
B/-7693 Hand Forged Scissors, straight, 7 inches, screw lock.....	1.80
B/-7695 Hand Forged Scissors, curved, 5 inches, screw lock.....	1.40
B/-7696 Hand Forged Scissors, curved, 5½ inches, screw lock.....	1.50
B/-7697 Hand Forged Scissors, curved, 6 inches, screw lock.....	1.60
B/-7698 Hand Forged Scissors, curved, 6½ inches, screw lock.....	1.70
B/-7699 Hand Forged Scissors, curved, 7 inches, screw lock.....	1.90
B/-7725 Allingham's Rectal Fistula Scissors, with director.....	4.50
B/-7735 Artery Scissors, straight.....	1.00
B/-7737 Artery Scissors, angular.....	1.10

When ordering Scissors B/-7689 to B/-7699, specify points desired as illustrated: No. 1, both points blunt; No. 2, one sharp point and one blunt point; No. 3, both points sharp.





B -7750



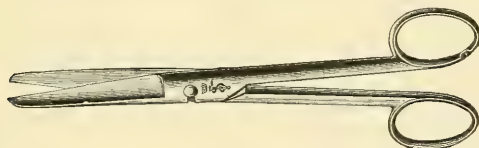
B/-7751



B -7775



B/-7776



B -7769

### Scissors

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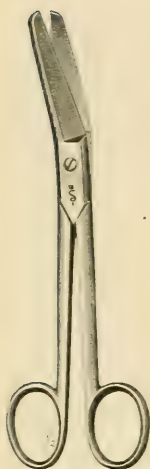


B/-7761

	Each
B/-7750 Dawson's Scissors, tenaculum points, straight	\$ 2.25
B/-7751 Dawson's Scissors, tenaculum points, curved	2.50
B/-7761 Deaver's Scissors, straight, hand forged	1.40
B/-7762 Deaver's Scissors, curved, hand forged	1.50
B/-7769 Doyen's Scissors, abdominal, 7 inches	1.50
B/-7775 "English Pattern" Scissors, heavy abdominal, straight, 7 inches	1.75
B/-7776 "English Pattern" Scissors, heavy abdominal, curved, 7 inches	1.85



B/-7762



B-7782-83



B-7803-07



B-7815



B-7822

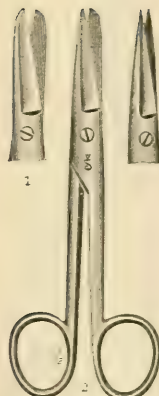
## Scissors

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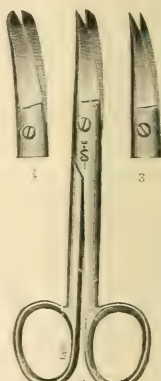
Each

B-7782	Ferguson's Scissors, angular on flat, 6½ inches	\$ 1.75
B/-7783	Ferguson's Scissors, angular on flat, 7½ inches	2.00
B/-7803	Hospital Scissors, heavy, 4½ inches	.75
B-7804	Hospital Scissors, heavy, 5 inches	.80
B-7805	Hospital Scissors, heavy, 5½ inches	.85
B-7806	Hospital Scissors, heavy, 6 inches	.90
B-7815	Jenness' Scissors, peritoneal and hernia	3.75
B/-7822	Kocher's Scissors, suture	1.50
B-7841	Mayo's Scissors, straight, 4½ inches	.80
B-7842	Mayo's Scissors, straight, 5 inches	.90
B/-7843	Mayo's Scissors, straight, 5½ inches	1.00
B/-7847	Mayo's Scissors, curved on flat, 4½ inches	1.00
B/-7848	Mayo's Scissors, curved on flat, 5 inches	1.10
B-7849	Mayo's Scissors, curved on flat, 5½ inches	1.20

When ordering Scissors B-7841 to B-7849, specify points desired as illustrated: No. 1, both points blunt; No. 2, one sharp point and one blunt point; No. 3, both points sharp.



B-7841-43



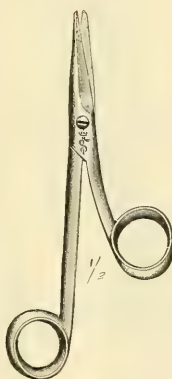
B-7847-49



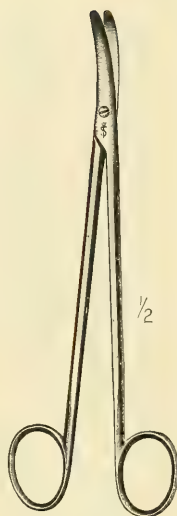
B/-7856-58



B/ 7863-64



B/-7867

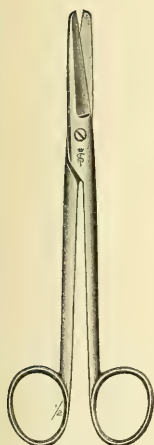


B/-7881-82

# Scissors

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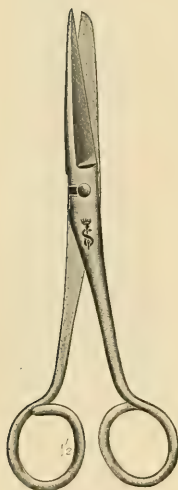
	Each
B/-7856 Mayo's Scissors, dissecting, straight, 5 1/2 inches.....	\$ 1.25
B/-7858 Mayo's Scissors, dissecting, straight, 6 3/4 inches.....	1.50
B/-7863 Mayo's Scissors, dissecting, curved on flat, 5 1/2 inches.....	1.35
B/-7864 Mayo's Scissors, dissecting, curved on flat, 6 3/4 inches.....	1.60
B/-7867 Mayo-Kocher's Scissors, suture.....	2.00
B/-7881 Metzenbaum's Scissors, slender, curved on flat, 5 3/4 inches.....	2.00
B/-7882 Metzenbaum's Scissors, slender, curved on flat, 7 inches.....	2.25
B/-7890 Mixer's Scissors, operating, straight, 4 5/8 inches.....	.90
B/-7891 Mixer's Scissors, operating, straight, 6 1/4 inches.....	1.10
B/-7895 Mixer's Scissors, operating, curved on flat, 4 5/8 inches.....	1.10
B/-7896 Mixer's Scissors, operating, curved on flat, 6 1/4 inches.....	1.25



B -7890-91



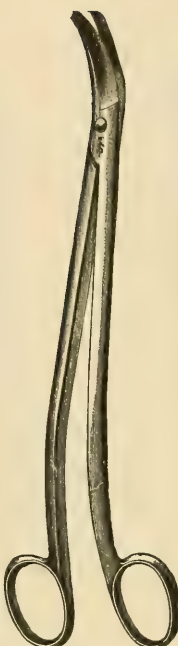
B -7895-96



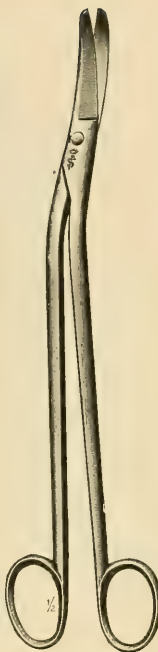
B/-7909



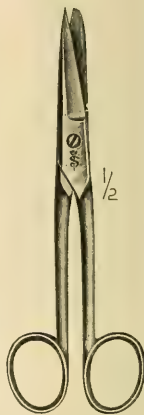
B/-7915



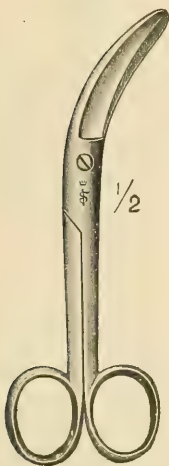
B/-7917



B/-7918



B/-7927



B/-7935

### Scissors

(Continued)

	Each
B/-7909 Physicians' Office Scissors, open rings, 6 3/4 inches.....	\$1.25
B/-7915 Pratt's Scissors, haemorrhoidal, short	1.20
B/-7917 Pratt's Scissors, rectal, original.....	1.75
B/-7918 Pratt's Scissors, rectal, improved .....	2.00
B/-7927 Smith's Scissors, dissecting, round shanks.....	.80
B/-7933 Venable's Scissors, combined with tissue forceps.....	2.00
B/-7935 Vizen's Scissors, abdominal, curved sideways, 6 1/2 inches.....	1.25



B 7933

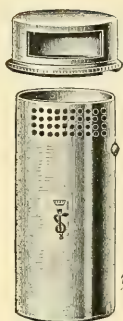




B/-7960-62



B/-7965



B/-7970



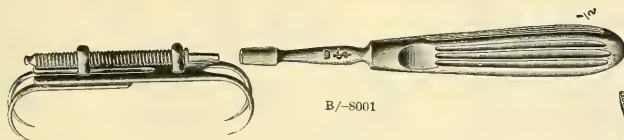
B/-7972



B/-7974



B/-7950



B/-8001

### Caustic Holders

	Each
B/-7950 Aluminum Caustic Holder, reversible...	\$ 1.00

### Iodoform Dusters

B/-7960 Hard Rubber Iodoform Dusters, $\frac{3}{4}$ inch	.60
B/-7961 Hard Rubber Iodoform Dusters, $1\frac{1}{2}$ inches	.90
B/-7962 Hard Rubber Iodoform Dusters, $1\frac{1}{2}$ inches	1.20
B/-7965 Glass Iodoform Dusters, hard rubber mounts	.90
B/-7970 Metal Iodoform Dusters, plain	.65
B/-7972 Metal Iodoform Dusters, with 3 compartments	.80
B/-7974 Metal Iodoform Dusters, extra large, for hospital use	1.50

### Patella Clamps

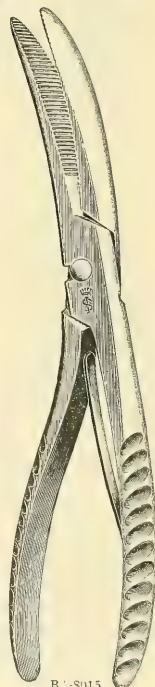
B/-8001 Malgaigne's Patella Clamp	4.50
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### Forceps

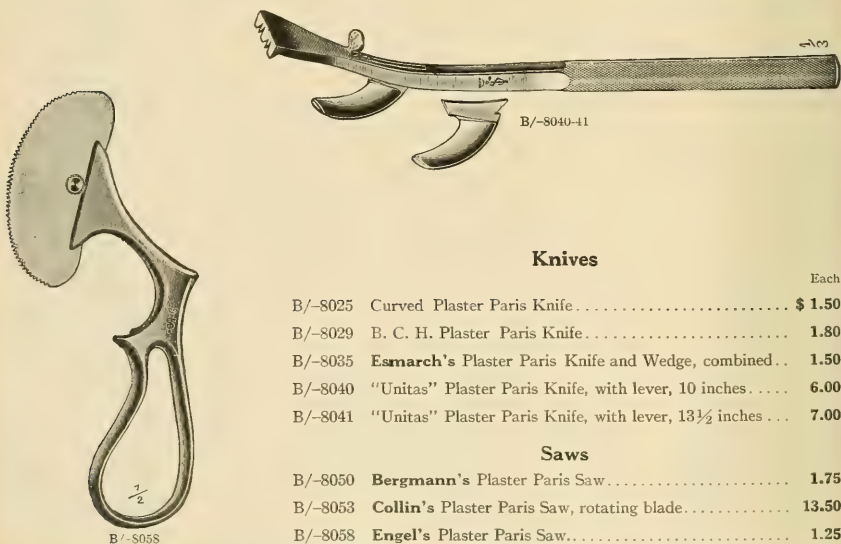
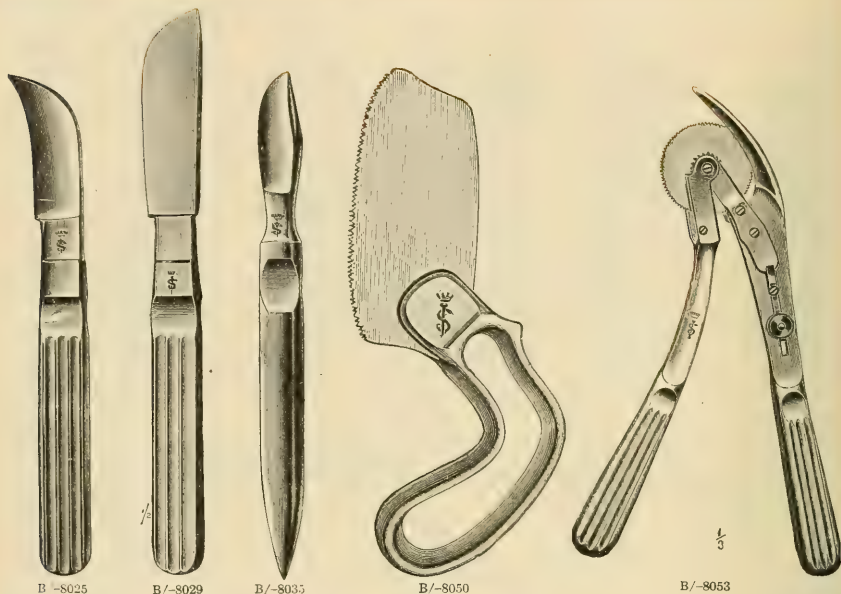
B/-8010 Collin's Luxation Forceps	3.50
B/-8015 Forceps, for breaking plaster paris dressings	3.00



B/-8010



B/-8015



## Knives

	Each
B/-8025 Curved Plaster Paris Knife.....	\$ 1.50
B/-8029 B. C. H. Plaster Paris Knife.....	1.80
B/-8035 Esmarch's Plaster Paris Knife and Wedge, combined..	1.50
B/-8040 "Unitas" Plaster Paris Knife, with lever, 10 inches. ....	6.00
B/-8041 "Unitas" Plaster Paris Knife, with lever, 13½ inches ...	7.00

## Saws

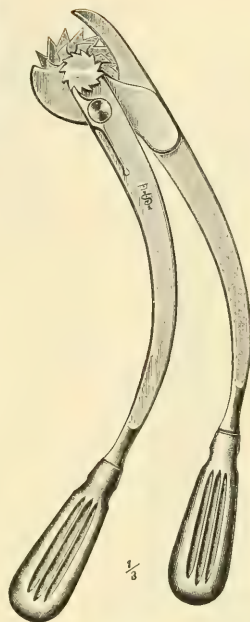
B/-8050 Bergmann's Plaster Paris Saw.....	1.75
B/-8053 Collin's Plaster Paris Saw, rotating blade.....	13.50
B/-8058 Engel's Plaster Paris Saw.....	1.25



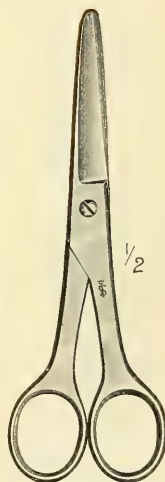
B/-8080-81



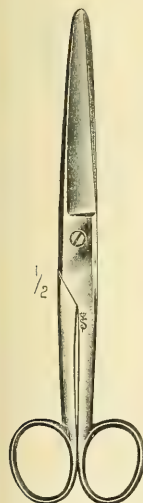
B/-8063



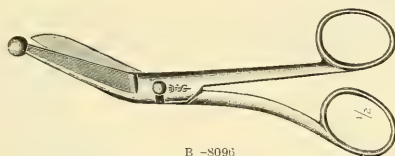
B/-8067



B/-8087-SS



B/-8073



B/-8096

### Saws

(Continued)

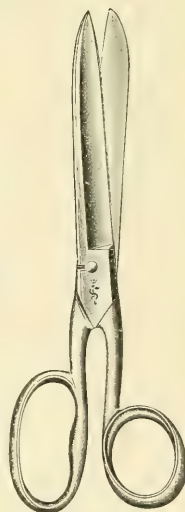
	Each
B/-8063 Kaulich's Plaster Paris Saw.....	\$ 2.00
B/-8067 K.-S. Co.'s Plaster Paris Saw, rotating blade.....	7.50

### Gauze Scissors

B/-8075 Gauze Scissors, light pattern, 7 inches.....	1.25
B/-8080 Gauze Scissors, heavy pattern, 6½ inches.....	.70
B/-8081 Gauze Scissors, heavy pattern, 7 inches.....	.85
B/-8087 Gauze Scissors, extra heavy pattern, 6½ inches.....	1.10
B/-8088 Gauze Scissors, extra heavy pattern, 7¾ inches.....	1.25
B/-8092 Gauze Scissors, U. S. A. pattern.....	.90

### Bandage Scissors

B/-8096 Lazarewitsch's Bandage Scissors.....	1.50
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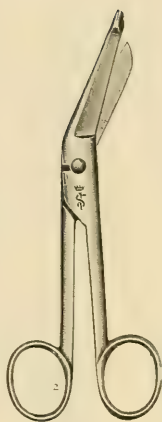


B/-8092

OF QUALITY



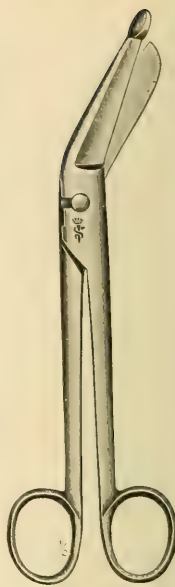
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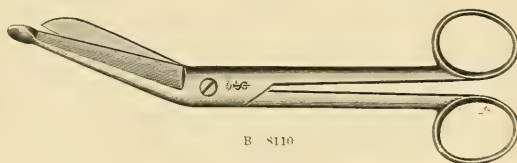
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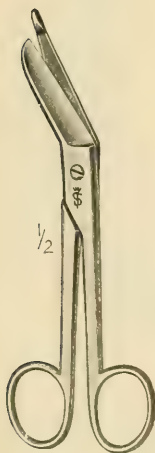
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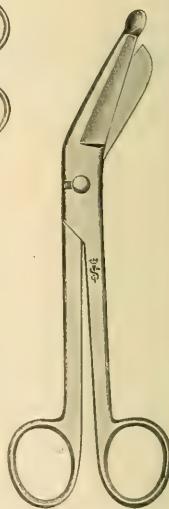
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B -8110



B -8115



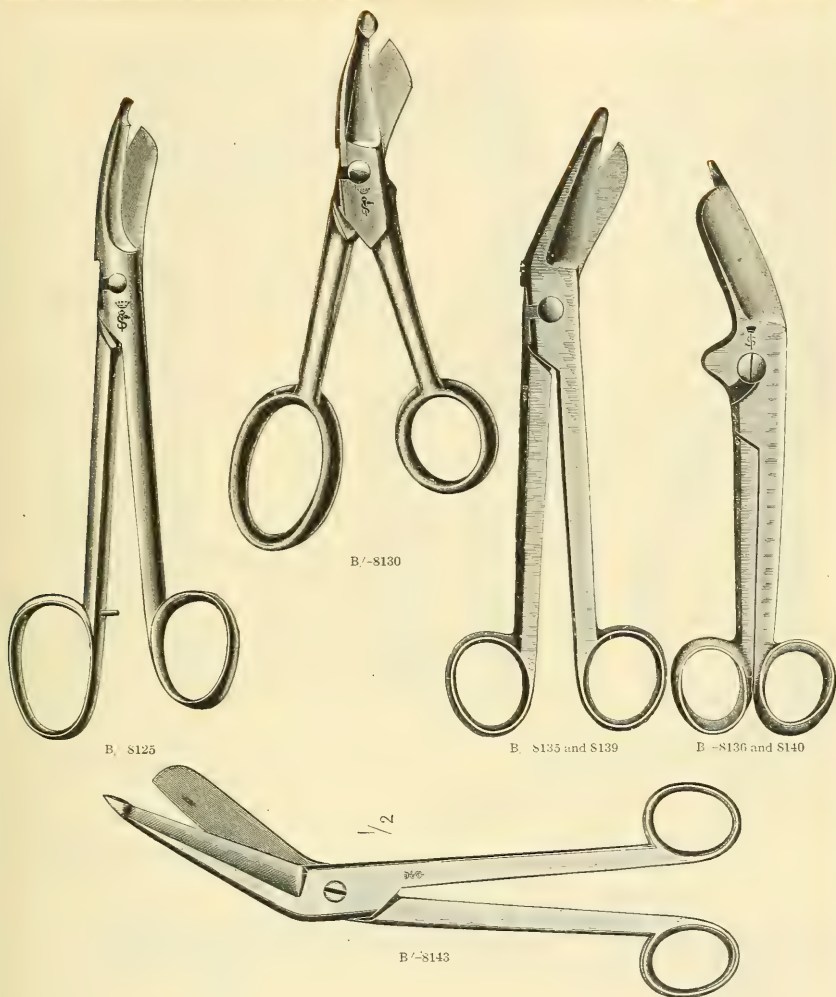
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### Bandage Scissors

(Continued)

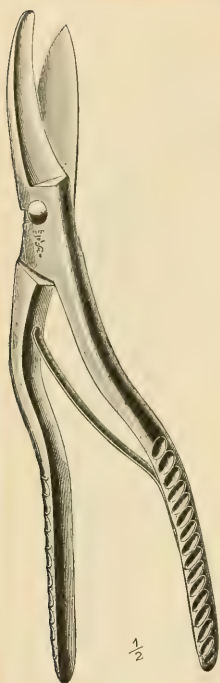
	Each
B/-8100 <b>Lister's</b> Bandage Scissors, angular, 4 1/2 inches.....	\$ 1.00
B -8101 <b>Lister's</b> Bandage Scissors, angular, 5 1/2 inches.....	1.10
B/-8103 <b>Lister's</b> Bandage Scissors, angular, 7 inches.....	1.25
P/-8104 <b>Lister's</b> Bandage Scissors, angular, 8 inches.....	1.50
B/-8110 <b>Lister's</b> Bandage Scissors, angular, 7 1/4 inches, extra long blade.....	1.25
B/-8115 <b>Lister's</b> Bandage Scissors, angular, square shank, 6 inches.....	1.25
B/-8117 <b>Lister's</b> Bandage Scissors, angular, square shank, 7 inches.....	1.50



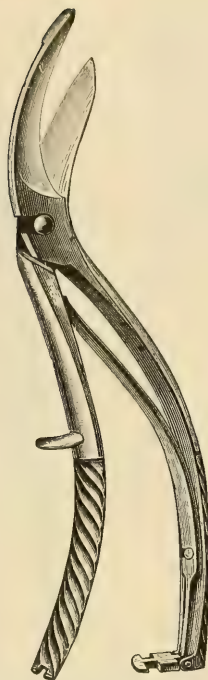


## Plaster Paris Shears

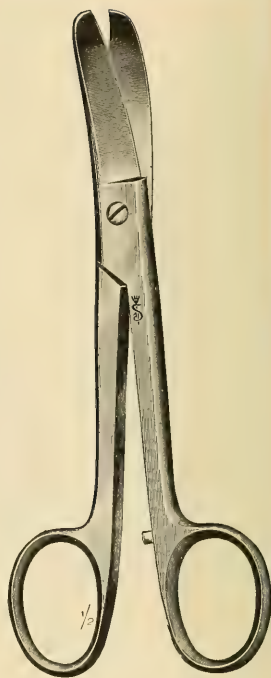
	Each
B/-8125 <b>Bruns'</b> Plaster Paris Shears.....	\$ 2.50
B/-8130 "Dutch Pattern" Plaster Paris Shears, 8 inches.....	2.50
B/-8135 <b>Esmarch's</b> Plaster Paris Shears, 8 inches, plain.....	1.50
B/-8136 <b>Esmarch's</b> Plaster Paris Shears, 8 inches, eccentric sliding blade.....	2.75
B/-8139 <b>Esmarch's</b> Plaster Paris Shears, 9 $\frac{1}{4}$ inches, plain.....	2.00
B/-8140 <b>Esmarch's</b> Plaster Paris Shears, 9 $\frac{1}{4}$ inches, eccentric sliding blade.....	3.00
B/-8143 <b>Esmarch's</b> Plaster Paris Shears, 9 inches, extra long blade.....	2.25



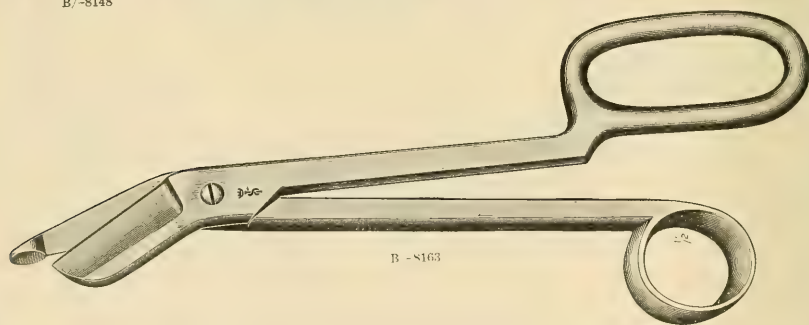
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B/-8152



B/-8158

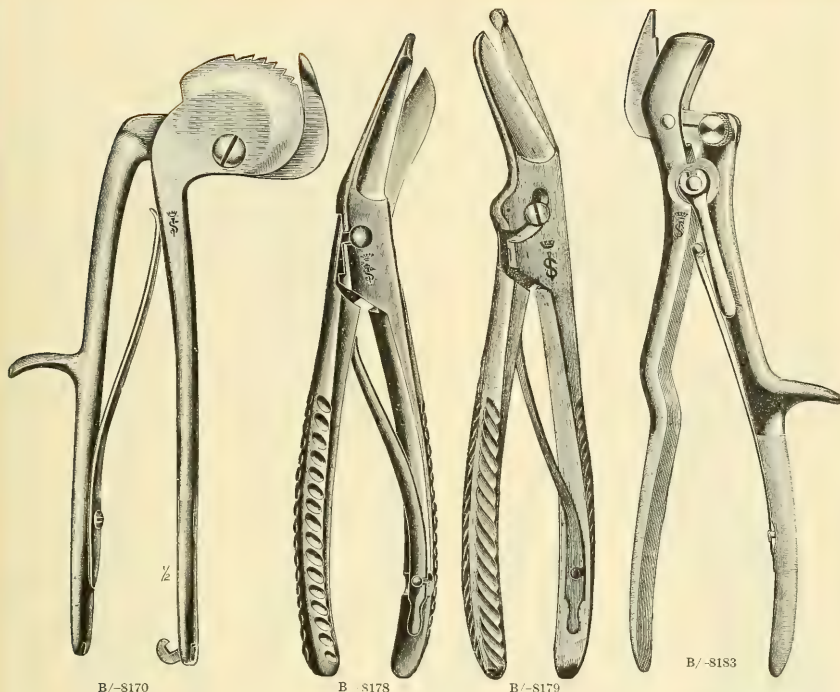


B/-8163

### Plaster Paris Shears

(Continued)

	Each
B/-8148 Haertel's Plaster Paris Shears.....	\$ 4.00
B/-8152 Henry's Plaster Paris Shears.....	4.00
B/-8158 Lorenz's Plaster Paris Shears.....	3.00
B/-8163 N. Y. Hospital Plaster Paris Shears.....	5.00

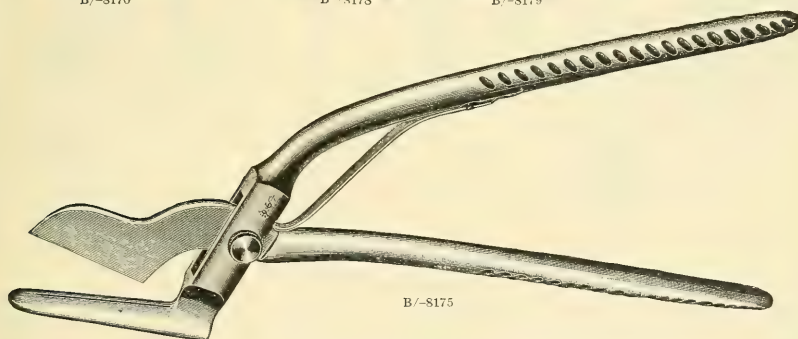


B/-S170

B/-S178

B/-S179

B/-S183

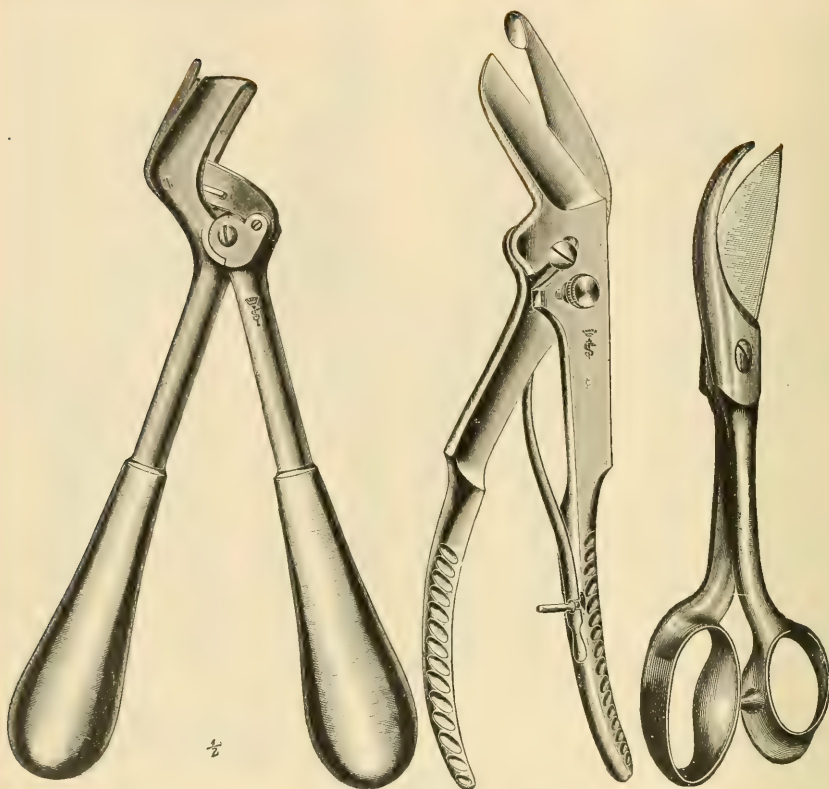


B/-S175

### Plaster Paris Shears

(Continued)

	Each
B/-S170 Reed's Plaster Paris Shears .....	\$ 5.00
B/-S175 Sayre's Plaster Paris Shears .....	5.50
B/-S178 Seutin's Plaster Paris Shears .....	2.75
B/-S179 Seutin's Plaster Paris Shears, with eccentric sliding blade .....	3.50
B/-S183 Stille's Plaster Paris Shears, for one hand .....	6.00



B -8184-90

B 8194

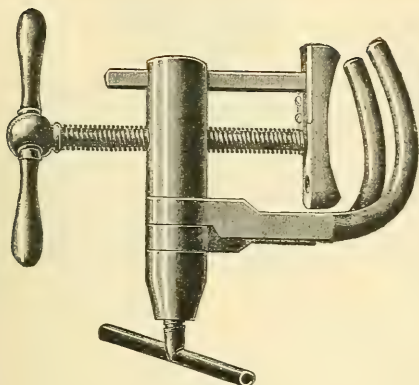
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### Plaster Paris Shears

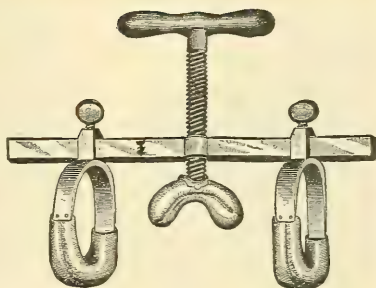
(Continued)

	Each
B/-8184 Stille's Plaster Paris Shears, improved, 9 inches .....	\$ 6.50
B/-8187 Stille's Plaster Paris Shears, improved, 10 $\frac{1}{4}$ inches .....	10.00
B/-8188 Stille's Plaster Paris Shears, improved, 14 $\frac{1}{2}$ inches .....	14.00
B/-8190 Stille-Taylor's Plaster Paris Shears, 14 $\frac{3}{4}$ inches .....	12.50
B/-8194 Szymanowski's Plaster Paris Shears, eccentric sliding blade .....	7.00
B/-8200 Wight's Plaster Paris Shears .....	4.00

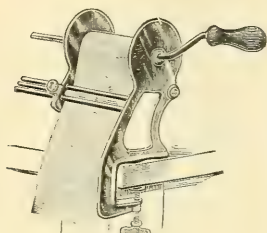




B/-S229



B/-S233



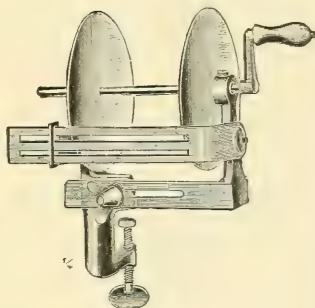
B/-S215



B/-S238



B/-S225



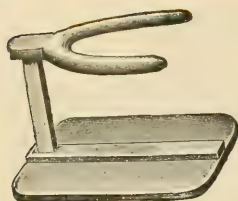
B/-S218

### Bandage Rollers

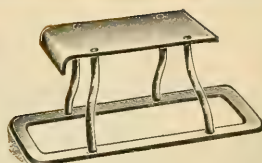
	Each
B/-S215 Improved Bandage Roller, winding up to $4\frac{1}{4}$ inches.....	\$ 1.75
B/-S218 Kny-Scheerer Co.'s Bandage Roller, winding up to $4\frac{1}{4}$ inches.....	4.00

### Osteoclasts

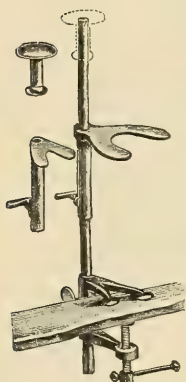
B/-S225 McCurdy's Club-Foot Wrench.....	10.00
B/-S229 Phelps' Modification Grattan's Osteoclast.....	100.00
B/-S233 Rizzoli's Osteoclast.....	45.00
B/-S238 Thomas' Club-Foot Twister.....	15.00



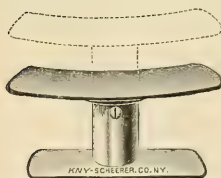
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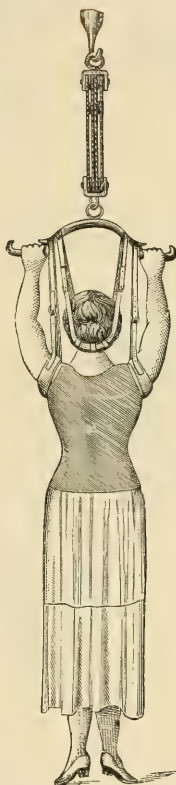
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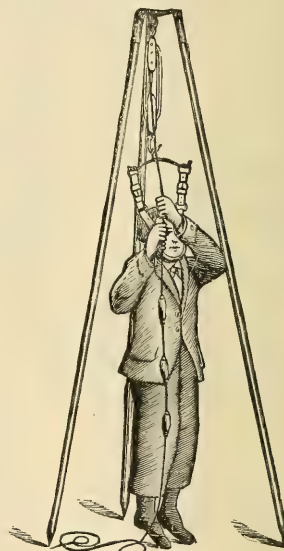
B/-8257



S 1252



B/-8265



B/-8269

### Bandaging Appliances

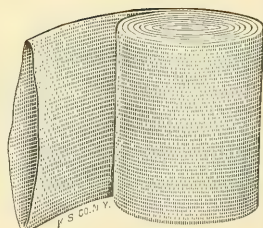
	Each
B/-8252 Braatz's Hip Rest.....	\$ 10.75
B/-8257 Helbing's Hip Rest.....	15.00
S/-1254 McBurney's Hip Rest.....	6.50
S/-1254 McGuire's Hip Rest.....	12.00
B/-8265 Sayre's Suspension Apparatus.....	9.00
B/-8269 Sayre's Tripod, for same.....	12.00



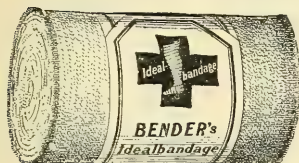
B/-S301-06



B/-S337-42



B/-S358-67



B/-S314-17



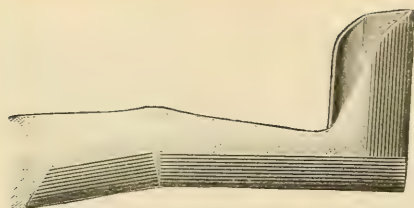
B/-S400



B/-S401

### Bandaging Material

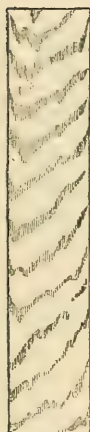
		Each
B/-S301	"Diakon" Bandages, 1½ inches wide .....	\$ .30
B/-S302	"Diakon" Bandages, 2 inches wide .....	.40
B/-S303	"Diakon" Bandages, 2½ inches wide .....	.50
B/-S304	"Diakon" Bandages, 3 inches wide .....	.60
B/-S305	"Diakon" Bandages, 4 inches wide .....	.70
B/-S306	"Diakon" Bandages, 6½ inches wide .....	.90
B/-S314	"Ideal" Bandages, 2 inches wide .....	.30
B/-S315	"Ideal" Bandages, 2½ inches wide .....	.35
B/-S316	"Ideal" Bandages, 3 inches wide .....	.40
B/-S317	"Ideal" Bandages, 4 inches wide .....	.50
		Dozen
B/-S337	Plaster Paris Bandages, 1½ inches wide, in tin box .....	1.20
B/-S338	Plaster Paris Bandages, 2 inches wide, in tin box .....	1.25
B/-S339	Plaster Paris Bandages, 2½ inches wide, in tin box .....	1.50
B/-S340	Plaster Paris Bandages, 3 inches wide, in tin box .....	1.80
B/-S341	Plaster Paris Bandages, 3½ inches wide, in tin box .....	2.25
B/-S342	Plaster Paris Bandages, 4 inches wide, in tin box .....	2.40
		Each
B/-S358	Stockinette Bandages, 2½ inches wide .....	.40
B/-S359	Stockinette Bandages, 3 inches wide .....	.50
		Per Yard
B/-S363	Stockinette Material, 6 inches wide .....	.20
B/-S364	Stockinette Material, 8 inches wide .....	.25
B/-S365	Stockinette Material, 10 inches wide .....	.30
B/-S366	Stockinette Material, 12 inches wide .....	.35
B/-S367	Stockinette Material, 14 inches wide .....	.40
*B/-S385	Gutta Percha Tissue, light .....	.60
*B/-S391	Mosetig Battist, single faced, 34 inches wide .....	1.25
		Each
B/-S400	Arm Sling, black sateen .....	1.25
B/-S401	Arm Sling, black webbing .....	.50



B/-8433-42



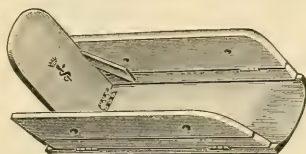
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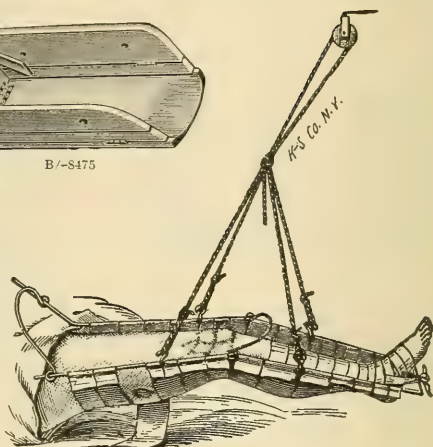
B/-8452-53



B/-8454



B/-8475



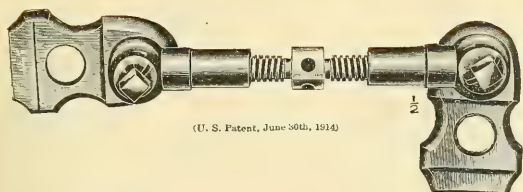
B/-8480

## Splints

(Continued)

	Each		Each
B/-8433 Agra Wood Splint, flexible 21 x 4 3/4 inches.....	\$ .55	B/-8442 Agra Wood Splint, flexible, 36 x 10 inches.....	\$ 1.85
B/-8434 Agra Wood Splint, flexible, 21 x 6 inches.....	.65	*B/-8445 Agra Wood Splint, in sheets 1 meter square.....	6.00
B/-8435 Agra Wood Splint, flexible, 21 x 8 inches.....	.90	B/-8452 Basswood Splint, plain, 1/8 inch, dozen.....	.50
B/-8436 Agra Wood Splint, flexible, 21 x 10 inches.....	1.10	B/-8453 Basswood Splint, plain, 1/8 inch, dozen.....	.75
B/-8439 Agra Wood Splint, flexible, 36 x 4 3/4 inches.....	.90	B/-8454 Basswood Splint, lined.....dozen	1.00
B/-8440 Agra Wood Splint, flexible, 36 x 6 inches.....	1.20	B/-8460 <b>Bond's</b> Wood Splint, for radius, right and left, 2 sizes.....	2.00
B/-8441 Agra Wood Splint, flexible, 36 x 8 inches.....	1.50	*B/-8470 Fibre Splinting Material, in sheets 22 x 3 1/4 inches.....	1.00
		B/-8475 Fracture Box, wood.....	5.00
		B/-8480 <b>Hodgen's</b> Thigh Splint, complete with cord and pulley.....	5.00





(U. S. Patent, June 30th, 1914)

B/-8488-90

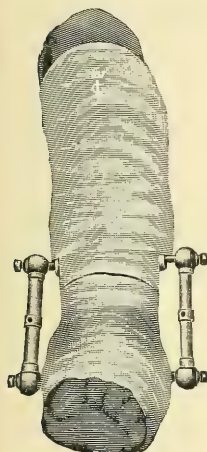
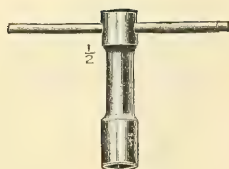


Fig. 1

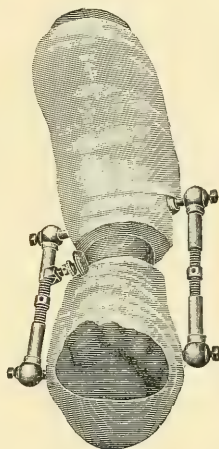


Fig. 2



B/-8491

## Splints

(Continued)

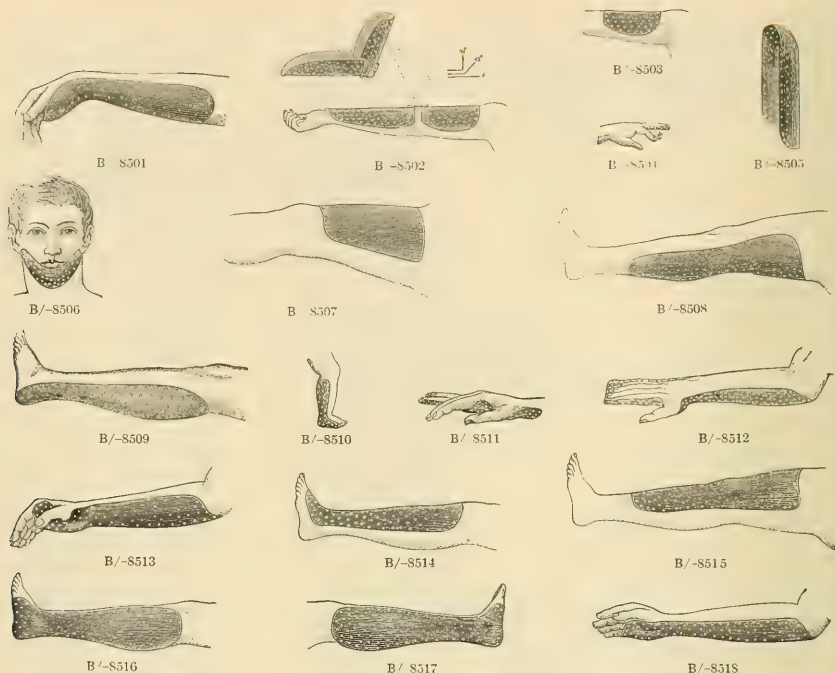
B/-8488	Hackenbruch's Fracture Clamp, large size, for the femur.....	Pair	\$12.00
B/-8489	Hackenbruch's Fracture Clamp, medium size, for the humerus.....		12.00
B/-8490	Hackenbruch's Fracture Clamp, small size, for the forearm and for children.....		12.00
		Each	
B/-8491	Hackenbruch's Pelotte, for bringing fragments in accurate apposition.....		1.25
*B/-8492	Hackenbruch's "Factis" Pad, large, 20x3 inches.....		1.75
*B/-8493	Hackenbruch's "Factis" Pad, medium, 16x3 inches.....		1.10
*B/-8494	Hackenbruch's "Factis" Pad, small, 14x3 inches.....		1.00

Hackenbruch's Fracture Clamps (B/-8488-90) are always used in sets of 2, consisting of 2 fastening wings, which are imbedded on both sides of the fractured limb by means of a plaster of Paris bandage. The sleeves are forced apart by means of an expanding turnbuckle and thereby bringing the fragments in apposition. The wings are attached to the sleeves by means of ball and socket joints, which can be brought to a fixed position by means of set screws.

Plaster of Paris bandages are applied around the fractured limb, which has been padded underneath by "Factis" material, as shown in Fig. 1. As soon as this has properly hardened the cast is cut through in a circular way, in the plane of the fracture. By means of the expanding turnbuckle the fragments can be brought into proper apposition, as shown in Fig. 2.

In very difficult cases proper apposition can be facilitated by means of the Hackenbruch's Pelotte (B/-8491) which consists of a screw with forked attachments. The cushion is placed against the fragments to be shifted, and the fork attachment against the sleeve of the clamp. By turning the screw a firm lateral pressure is applied and the fragment driven in the desired direction.

Full descriptive pamphlet upon application.



### Splints

(Continued)

	Each
B/-S501 Levis' Metallic Splint, No. 1, radius, right and left.....	\$ 1.00
B/-S502 Levis' Metallic Splint, No. 2, adjustable arm.....	1.50
B/-S503 Levis' Metallic Splint, No. 3, humerus.....	.50
B/-S504 Levis' Metallic Splint, No. 4, phalanges.....	.15
B/-S505 Levis' Metallic Splint, No. 5, clavicle.....	.75
B/-S506 Levis' Metallic Splint, No. 6, maxilla.....	.75
B/-S507 Levis' Metallic Splint, No. 7, femur.....	.50
B/-S508 Levis' Metallic Splint, No. 8, patella.....	1.00
B/-S509 Levis' Metallic Splint, No. 9, tibia and fibula.....	1.00
B/-S510 Levis' Metallic Splint, No. 10, club-foot (for infants only) ..	.75
B/-S511 Levis' Metallic Splint, No. 11, hand.....	.75
B/-S512 Levis' Metallic Splint, No. 12, forearm and hand.....	1.00
B/-S513 Levis' Metallic Splint, No. 13, forearm, Bond's.....	1.00
B/-S514 Levis' Metallic Splint, No. 14, anterior tibia.....	1.00
B/-S515 Levis' Metallic Splint, No. 15, anterior patella.....	1.00
B/-S516 Levis' Metallic Splint, No. 16, external ankle, right and left ..	1.00
B/-S517 Levis' Metallic Splint, No. 17, internal ankle, right and left ..	1.00
B/-S518 Levis' Metallic Splint, No. 18, ulna.....	1.00

All the above splints with exception of B/-S510 are made in 2 sizes, adult and children.



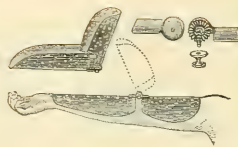
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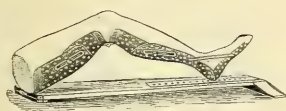
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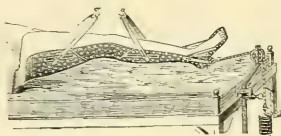
B/-8521



B/-8522



B/-8523



B/-8524



B/-8525

## Splints

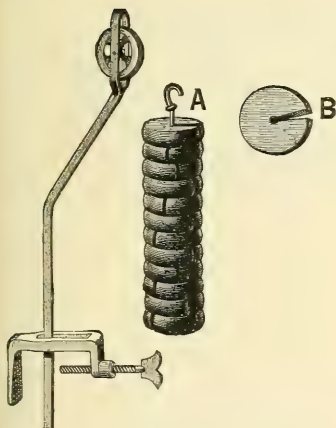
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Each

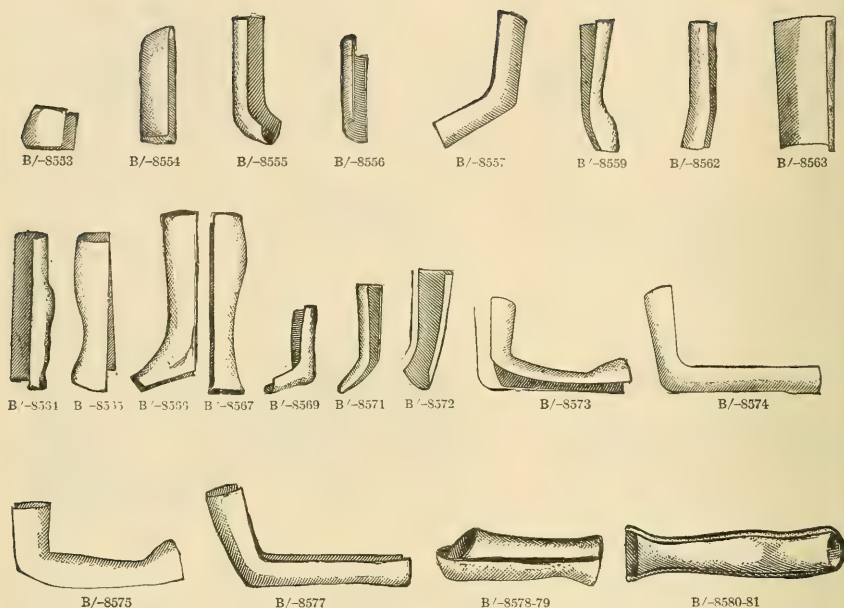
B/-8519	<b>Levis' Metallic Splints, No. 19, posterior elbow, acute angle</b> .....	<b>\$ 1.00</b>
B/-8520	<b>Levis' Metallic Splints, No. 20, posterior elbow, right angle</b> .....	<b>1.00</b>
B/-8521	<b>Levis' Metallic Splints, No. 21, posterior elbow, obtuse angle</b> .....	<b>1.00</b>
B/-8522	<b>Levis' Metallic Splints, No. 22, adjustable arm</b> .....	<b>1.50</b>
B/-8523	<b>Levis' Metallic Splints, No. 23, double inclined plane</b> .....	<b>5.00</b>
B/-8524	<b>Levis' Metallic Splints, No. 24, extension and suspension</b> .....	<b>5.00</b>
B/-8525	<b>Levis' Metallic Splints, No. 25, leg and foot combined</b> .....	<b>2.25</b>

All of above splints with exception of No. 25 are made in two sizes, adult and children.  
Following styles are made in infants' sizes: Nos. 1, 2, 3, 4, 5, 6, 7, 8, 9 and 10.

*B/-8529	<b>Levis' Set of 11 Metallic Splints, infant's, in case</b> .....	<b>5.00</b>
*B/-8530	<b>Levis' Set of 21 Metallic Splints, adult's and children's, in case</b> .....	<b>15.00</b>
*B/-8531	<b>Levis' Set of 29 Metallic Splints, adult's and children's, in case</b> .....	<b>20.00</b>
*B/-8532	<b>Levis' Set of 32 Metallic Splints, adult's, children's and infant's, in case</b> .....	<b>18.00</b>
*B/-8533	<b>Levis' Set of 40 Metallic Splints, adult's, children's and infant's, in case</b> .....	<b>25.00</b>
*B/-8535	<b>Levis' Set of 75 Metallic Splints, adult's, children's and infant's, in case</b> .....	<b>65.00</b>
B/-8539	<b>Levis' Extension Apparatus, complete with rope and weights</b> .....	<b>5.00</b>



B/-8539

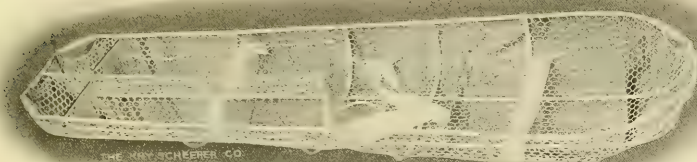
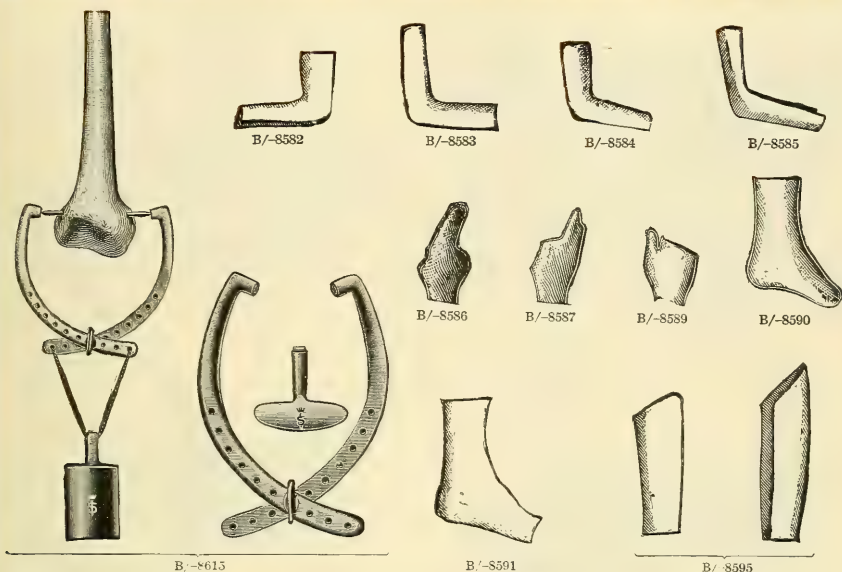


## Splints

(Continued)

		Adult's Each	Child's Each			Adult's Each	Child's Each
B -8553	Poroplastic Felt Splint, No. 1, inferior maxillary . . . . .	\$ .30	\$ .20	B -8571	Poroplastic Felt Splint, No. 15, palmar, right and left . . . . .	\$ .55	\$ .35
B/-8554	Poroplastic Felt Splint, No. 2, clavicle . . . . .	.60	.35	B -8572	Poroplastic Felt Splint, No. 16, dorsal, right and left . . . . .	.55	.35
B/-8555	Poroplastic Felt Splint, No. 3, shoulder cap . . . . .	.60	.35	B -8573	Poroplastic Felt Splints, No. 17, arm and forearm, right angle, anterior, right and left . . . . .	1.20	...
B/-8556	Poroplastic Felt Splint, No. 4, humerus . . . . .	.30	.20	B -8574	Poroplastic Felt Splint, No. 18, arm and forearm, right angle, posterior, right and left . . . . .	1.20	...
B/-8557	Poroplastic Felt Splint, No. 5, elbow, right and left . . . . .	.60	.35	B -8575	Poroplastic Felt Splint, No. 19, arm and forearm, obtuse angle, anterior, right and left . . . . .	1.20	...
B/-8559	Poroplastic Felt Splint, No. 6, radius, right and left . . . . .	.55	.35	B -8577	Poroplastic Felt Splint, No. 20, arm and forearm, obtuse angle, posterior, right and left . . . . .	1.20	...
B/-8562	Poroplastic Felt Splint, No. 7, ulna, right and left . . . . .	.55	.35	B -8578	Poroplastic Felt Splint, No. 21, condyle, anterior, right and left . . . . .	.60	...
B/-8563	Poroplastic Felt Splint, No. 8, femur . . . . .	.60	.40	B/-8579	Poroplastic Felt Splint, No. 22, condyle, posterior, right and left . . . . .	.75	...
B/-8564	Poroplastic Felt Splint, No. 9, knee-joint, anterior, right and left . . . . .	.75	.40	B -8580	Poroplastic Felt Splint, No. 23, elbow and lower third of humerus, anterior, right and left . . . . .	.75	...
B/-8565	Poroplastic Felt Splint, No. 10, knee-joint, posterior, right and left . . . . .	.80	.40	B -8581	Poroplastic Felt Splint, No. 24, elbow and lower third of humerus, posterior, right and left . . . . .	1.00	...
B/-8566	Poroplastic Felt Splint, No. 11, tibia, anterior, right and left . . . . .	.80	.40				
B/-8567	Poroplastic Felt Splint, No. 12, fibula, posterior, right and left . . . . .	.80	.40				
B/-8568	Poroplastic Felt Splint, No. 13, straight pieces for fingers and toes . . . . .	.15					
B/-8569	Poroplastic Felt Splint, No. 14, club foot (state age) right and left . . . . .	...	.40				



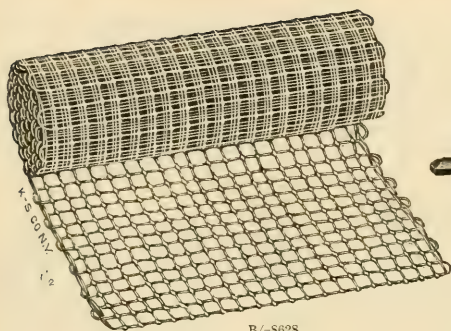


B/-8620

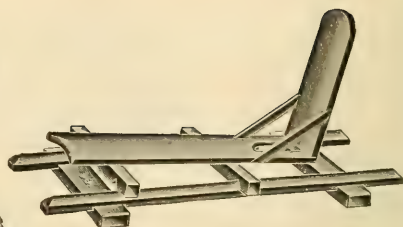
## Splints

(Continued)

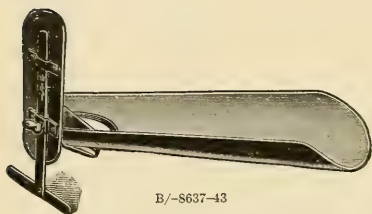
	Adult's Each	Child's Each		Adult's Each	Child's Each
B/-8582 Poroplastic Felt Splint, No. 25, elbow, anterior, right angle, right and left...	\$ .80	\$ .40	B/-8590 Poroplastic Felt Splint, No. 32, malleolus, internal, right and left.....	\$ 1.00	\$ .70
B/-8583 Poroplastic Felt Splint, No. 26, elbow, posterior, right angle, right and left...	.80	.40	B/-8591 Poroplastic Felt Splint, No. 33, malleolus, external, right and left.....	1.00	.70
B/-8584 Poroplastic Felt Splint, No. 27, elbow, anterior, obtuse angle, right and left...	.80	.40	B/-8595 Poroplastic Felt Splint, No. 36, femur, perineal and hip support, external and internal, right and left, pair.....	2.00	...
B/-8585 Poroplastic Felt Splint, No. 28, elbow, posterior, obtuse angle, right and left...	.80	.40	*B/-8599 Poroplastic Felt Splinting Material, per square yard.....	6.50	...
B/-8586 Poroplastic Felt Splint, No. 29, metacarpal, index and middle fingers, right and left.....	.40	.40	B/-8615 Steinmann's Extension Apparatus...	8.50	...
B/-8587 Poroplastic Felt Splint, No. 30, metacarpal, little and ring fingers, right and left.....	.40	.40	*B/-8616 Steinmann's Extension Apparatus, consisting of crossbars, 12 steel pins and 1 key, set of weights with rope for same.....	10.00	...
B/-8589 Poroplastic Felt Splint, No. 31, metacarpal, thumb, right and left.....	.35	.35	B/-8620 Stokes' Splint Stretcher.....	36.00	...
			(Patented Sept. 9, 1905 and May 8, 1906.)		



B/-S628



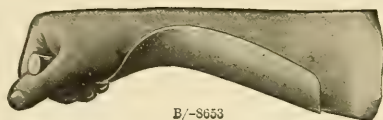
B/-S631-33



B/-S637-43



B/-S648



B/-S653

## Splints

(Continued)

	Each
B/-S628 U. S. A. Pattern Wire Gauze Splint, 5¼ inches wide, 36 inches long.....	\$ .35
B/-S631 Volkmann's Leg Splint, wood, small.....	4.00
B/-S632 Volkmann's Leg Splint, wood, medium.....	4.50
B/-S633 Volkmann's Leg Splint, wood, large.....	5.00
B/-S637 Volkmann's Leg Splint, metal, 11 inches .....	4.00
B/-S638 Volkmann's Leg Splint, metal, 15 inches .....	4.00
B/-S639 Volkmann's Leg Splint, metal, 20 inches .....	5.00
B/-S640 Volkmann's Leg Splint, metal, 24 inches .....	5.75
B/-S641 Volkmann's Leg Splint, metal, 28 inches .....	6.25
B/-S643 Volkmann's Leg Splint, metal, 34 inches .....	7.50
B/-S648 Von Nussbaum's Splint, for writer's cramp.....	6.00
B/-S653 Walker's Splint, for Colles' fracture, lignine composition, 5 sizes, right and left.....	1.00



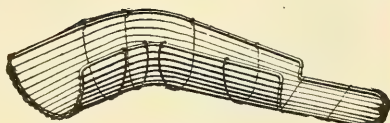
B/-8661



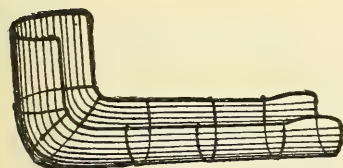
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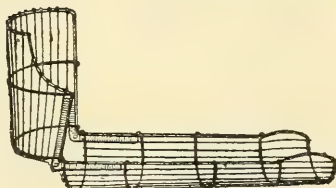
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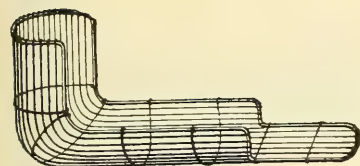
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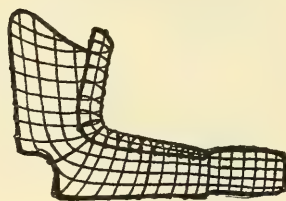
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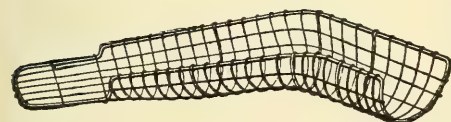
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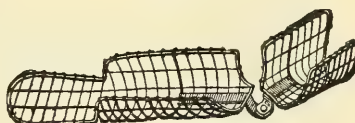
B/-8669



B/-8671



B/-8673

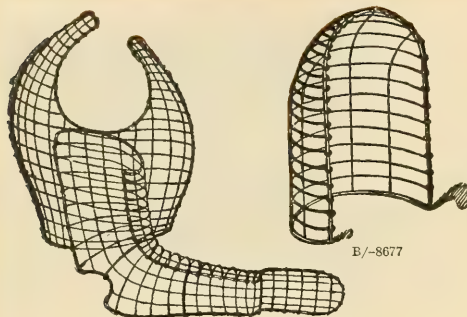


B/-8674

## Splints

(Continued)

		Each
B/-8661	Wire Splints, No. 1, forearm, straight, fitting either side .....	\$ 1.00
B/-8662	Wire Splints, No. 2, forearm and elbow, right and left .....	1.35
B/-8663	Wire Splints, No. 3, forearm and hand, straight, fitting either side .....	1.00
B/-8664	Wire Splints, No. 4, forearm and hand, right and left .....	1.50
B/-8667	Wire Splints, No. 6, forearm and elbow, fitting either side.....	1.35
B/-8668	Wire Splints, No. 7, forearm and elbow, hinged, right and left .....	2.00
B/-8669	Wire Splints, No. 8, forearm, elbow and hand, fitting either side.....	1.35
B/-8671	Wire Splints, No. 10, anterior arm, right and left.....	2.00
B/-8673	Wire Splints, No. 12, entire arm and hand, right and left.....	2.00
B/-8674	Wire Splints, No. 13, entire arm and hand, jointed, fitting either side .....	2.75

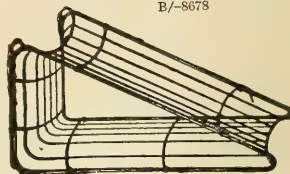


B/-8680

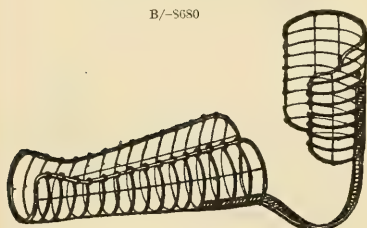
B/-8677



B/-8678



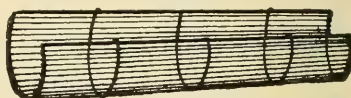
B/-8682



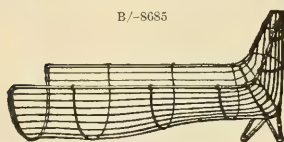
B/-8685



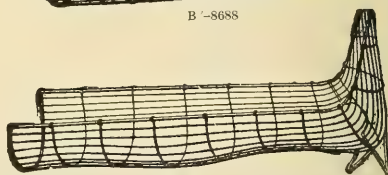
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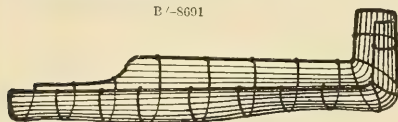
B/-8688



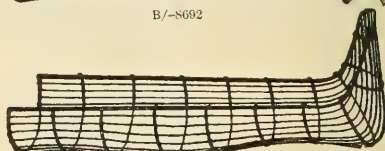
B/-8691



B/-8692



B/-8694



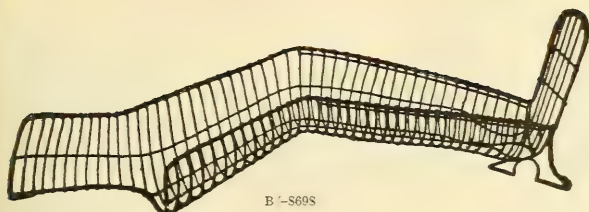
B/-8695

### Splints

(Continued)

	Each
B/-8677 Wire Splint, No. 16, shoulder, fitting either side . . . . .	\$ 1.00
B/-8678 Wire Splint, No. 17, forearm and hand, right and left . . . . .	1.20
B/-8680 Wire Splint, No. 19, arm, with breastplate, right and left . . . . .	3.75
B/-8682 Wire Splint, No. 21, axillary wedge, fitting either side . . . . .	2.35
B/-8685 Wire Splint, No. 24, arm and forearm, for resection of elbow joint, right and left . . . . .	3.35
B/-8687 Wire Splint, No. 26, leg, below knee, fitting either side . . . . .	1.35
B/-8688 Wire Splint, No. 27, leg, posterior, fitting either side . . . . .	1.35
B/-8691 Wire Splint, No. 29, leg, below knee, with heel support, fitting either side . . . . .	2.00
B/-8692 Wire Splint, No. 30, leg and thigh, with heel support, fitting either side . . . . .	2.35
B/-8694 Wire Splint, No. 32, entire leg and part of pelvis, right and left . . . . .	2.75
B/-8695 Wire Splint, No. 33, leg and thigh, fitting either side . . . . .	2.00

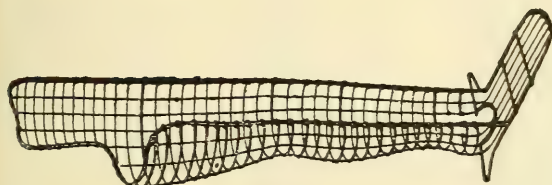




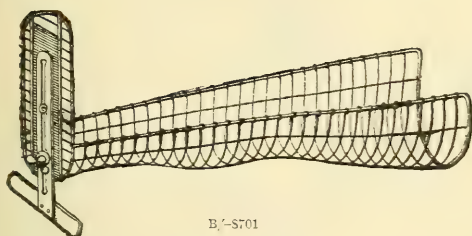
B/-S698



B/-S697



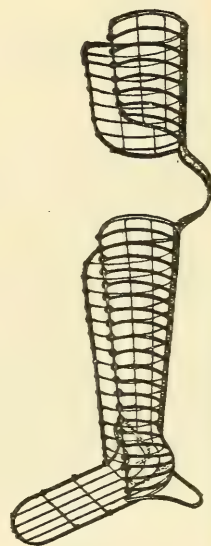
B/-S699



B/-S701



B/-S703

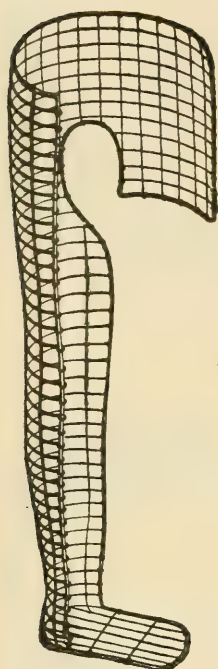


B/-S704

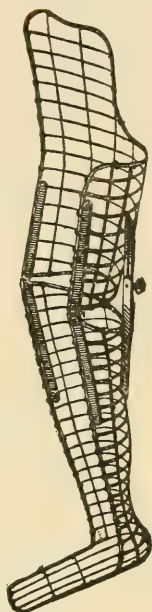
## Splints

(Continued)

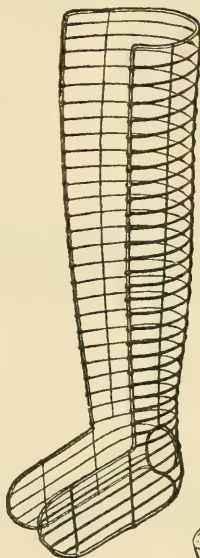
	Each
B/-8697 Wire Splint, No. 35, knee, posterior, fitting either side . . . . .	\$ 1.00
B/-8698 Wire Splint, No. 36, leg, thigh and part of pelvis, right and left. . . . .	5.30
B/-8699 Wire Splint, No. 37, leg, thigh and part of pelvis, straight. . . . .	5.00
B/-8701 Wire Splint, No. 39, leg and thigh, adjustable foot support, fitting either side. . . . .	6.75
B/-8703 Wire Splint, No. 41, leg, anterior, for resection of knee-joint. . . . .	5.30
B/-8704 Wire Splint, No. 42, leg and thigh, posterior, for resection of knee-joint, fitting either side. . . . .	5.30



B/-S706



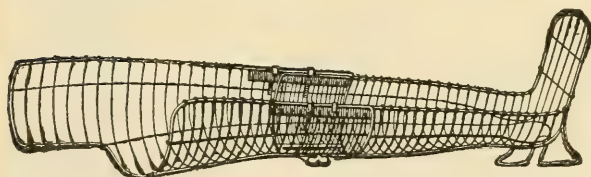
B/-S707



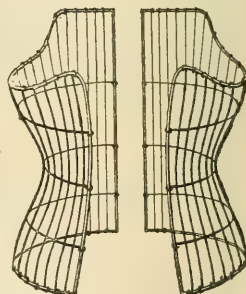
B/-S712



B/-S709



B/-S716

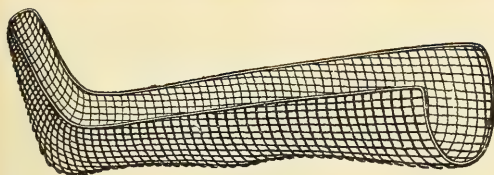


B/-S717-19

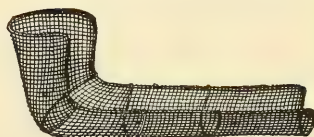
## Splints

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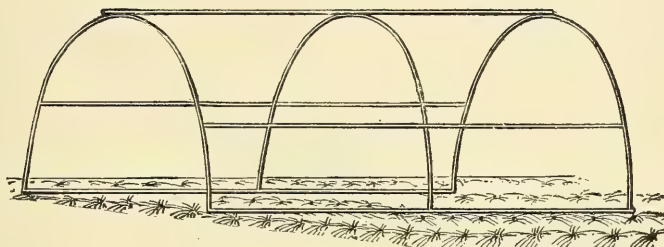
	Each		Each
B/-S706 Wire Splint, No. 44, entire leg and posterior part of pelvis, right and left. . . . .	\$ 8.00	B/-S712 Wire Splint, No. 48, leg and part of thigh, with open sole, fitting either side. . . . .	\$ 3.35
B/-S707 Wire Splint, No. 45, entire leg, jointed at knee, right and left. . . . .	9.50	B/-S716 Wire Splint, No. 52, leg, universal, with right and left adjustable thigh pieces. . . . .	9.50
B/-S709 Wire Splint, No. 46, leg, posterior, with open sole, fitting entire side. . . . .	2.35	B/-S717 Wire Splints, No. 53, corset, in two parts. . . . .	3.75
		B/-S719 Wire Splint, No. 55, corset, in one part	3.35



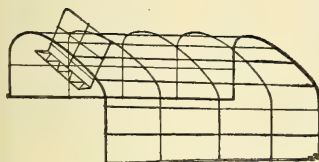
B/-8724



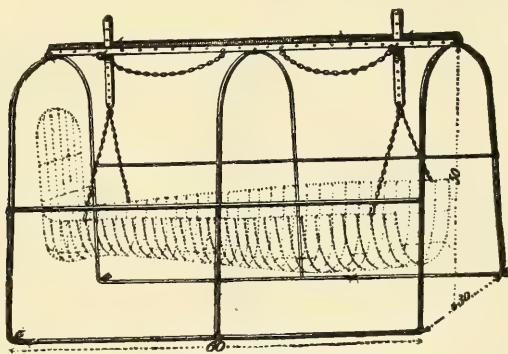
B/-8726



S/-2721-22



B/-8733-36 and B/-8740

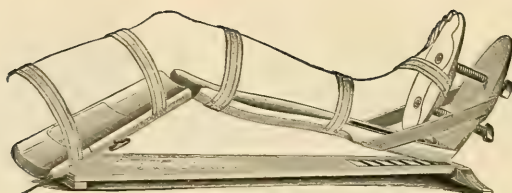


B/-8743

## Splints

(Continued)

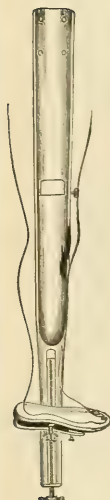
	Each
B/-8724 Wire Splint, No. 60, leg, posterior, fitting either side.....	\$ 2.75
B/-8726 Wire Splint, No. 62, arm and elbow, fitting either side.....	2.00
S/-2721 Wire Bed Cradle, folding, white enameled, for single limb, 12 inches wide and 24 inches long....	2.25
S/-2722 Wire Bed Cradle, folding, white enameled, for body, 27 inches wide and 33 inches long.....	3.00
B/-8733 Wire Bed Cradle, strong iron rod, tinned, 12 inches wide and 16 inches long.....	2.00
B/-8734 Wire Bed Cradle, strong iron rod, tinned, 16 inches wide and 24 inches long.....	2.75
B/-8735 Wire Bed Cradle, strong iron rod, tinned, 23 inches wide and 29 inches long.....	5.35
B/-8736 Wire Bed Cradle, strong iron rod, tinned, 26 inches wide, and 39 inches long.....	6.75
B/-8740 Reading Rack, for above.....	1.00
B/-8743 Wire Fracture Cradle, without splint.....	7.50



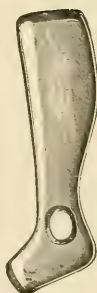
B. -8753-57



B. -8763



B -8760-61



B -8766



B -8767



B/-8770

## Splints

(Continued)

		Each			Each
B/-8755	Wood Splint, entire leg, double inclined plane, small.....	\$ 4.00	B/-8766	Wood Splint, ankle, right:	
B/-8756	Wood Splint, entire leg, double inclined plane, medium.....	5.00	No. 0.....	\$ .75	No. 3..... \$ 1.50
B/-8757	Wood Splint, entire leg, double inclined plane, large.....	6.00	No. 1.....	1.00	No. 4..... 1.75
B/-8760	Wood Splint, extension bar, small...	5.00	No. 2.....	1.25	
B/-8761	Wood Splint, extension bar, large...	6.00	B/-8767	Wood Splint, ankle, left:	
B/-8763	Wood Splint, arm, jointed, with screw:		No. 0.....	\$ .75	No. 3..... 1.50
No. 1.....	\$ 2.00	No. 3..... 2.50	No. 1.....	1.00	No. 4..... 1.75
No. 2.....	2.25	No. 4..... 2.75	No. 2.....	1.25	
			B/-8770	Wood Splint, coaptation, kid-lined, 7 to 15 inches long, set of 5.....	1.50





B/-8772



B/-8774



B/-8776



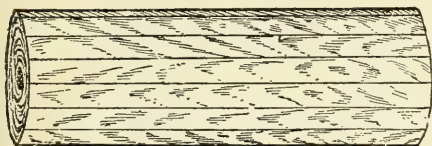
B/-8778



B/-8780



B/-8781



B/-8783-84



B/-8790-91

## Splints

(Continued)

Each

Each

### B/-8772 Wood Splint, forearm:

No. 1.....	\$ .40	No. 4.....	\$ .70
No. 2.....	.50	No. 5.....	.80
No. 3.....	.60	No. 6.....	.90

### B/-8774 Wood Splint, patella:

No. 1.....	\$ .80	No. 3.....	1.00
No. 2.....	.90	No. 4.....	1.25

### B/-8776 Wood Splint, interosseous:

No. 1.....	\$ .30	No. 4.....	.60
No. 2.....	.40	No. 5.....	.70
No. 3.....	.50		

### B/-8778 Wood Splint, patella, jointed:

No. 1.....	\$ 2.00	No. 3.....	2.50
No. 2.....	2.25	No. 4.....	2.75

### B/-8780 Wood Splint, radius, right:

No. 1.....	\$ .50	No. 3.....	\$ .70
No. 2.....	.60	No. 4.....	.80

### B/-8781 Wood Splint, radius, left:

No. 1.....	\$ .50	No. 3.....	.70
No. 2.....	.60	No. 4.....	.80

### B/-8783 Wood Splint, split roller, 3 inches by 5 feet long:

.45

### B/-8784 Wood Splint, split roller, 8 inches by 5 feet long:

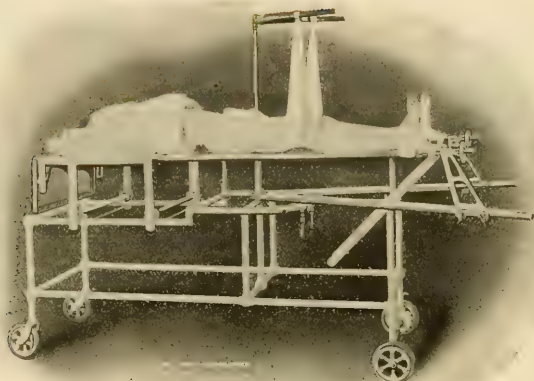
.90

### B/-8790 Yucca Splint, 3½ by 18 inches, ½ inch thick:

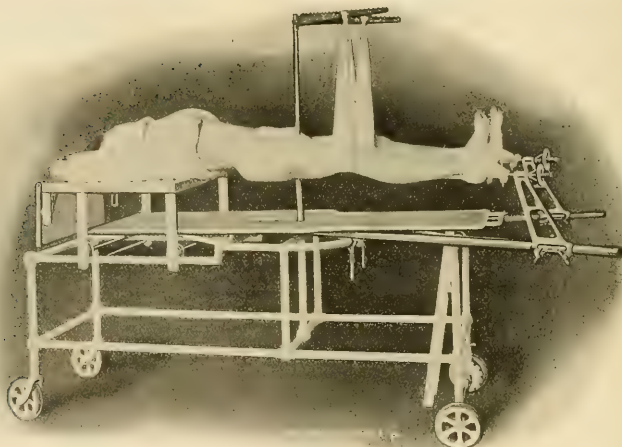
.75

### B/-8791 Yucca Splint, 3½ by 18 inches, ⅓ inch thick:

.60



S/-1198



S/-1198

### Fracture and Orthopedic Table

Designed by

**Dr. George W. Hawley**

**Bridgeport, Conn.**

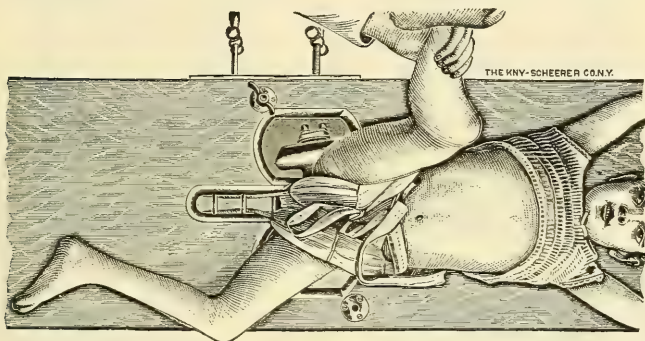
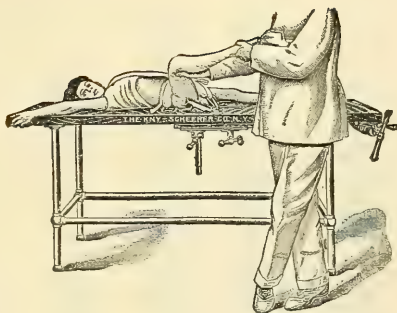
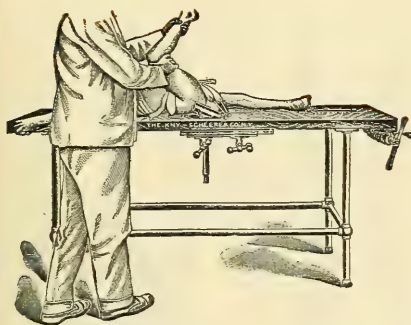
*Assistant at the Hospital for Ruptured and Crippled, New York*

(U. S. Patent, January 26th, 1916)

This table has been designed to provide for the suspension and immobilization of the trunk and extremities without lifting or disturbing the patient, and to afford reliable support and traction of the limbs in the treatment of fractures.

Price .....	\$ 250.00
Packing .....	2.00

Descriptive circular will be sent upon application.



S-1203

## Orthopedic Operating Table

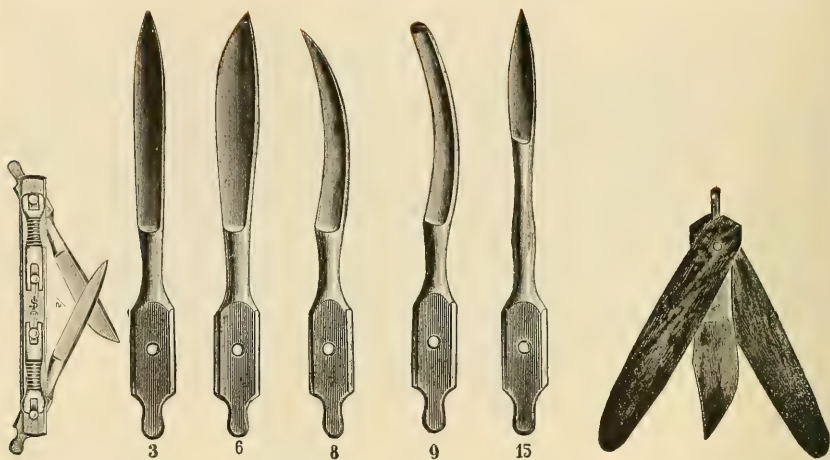
Dr. R. A. Hibb's Pattern

Designed to facilitate the reduction of dislocations of the hip joint. The contraction of the muscles ordinarily opposes the descent of the head of the femur. If the thigh is flexed to an extreme degree, the muscular contraction will tend to pull the head of the femur from above the acetabulum to below. It is at this point that this table becomes efficient, because the pelvis is absolutely immobilized, and, with the trochanteric pad held firmly against the trochanter, the extension of the limb will force the head of the femur forward into the socket.

The pelvic pads by which the pelvis is immobilized, exert their pressure laterally and antero-posteriorly against the sides of the pelvis, and are tightened by a windlass pulley. The trochanteric pad is controlled by a worm screw mechanism, both in forcing it upward against the trochanter and laterally. As no traumatism results from the use of this table, and the integrity of the muscles about the hip joint remains unimpaired, convalescence will be shortened and the reduction made more secure.

With this table it is possible to operate upon cases of congenital dislocation far beyond the age limit for other procedures, and it is also effective in traumatic cases in the adult.

Price.....	\$ 225.00
Packing.....	1.50



B/-8825

B/-8836-38



B/-8830



B/-8839

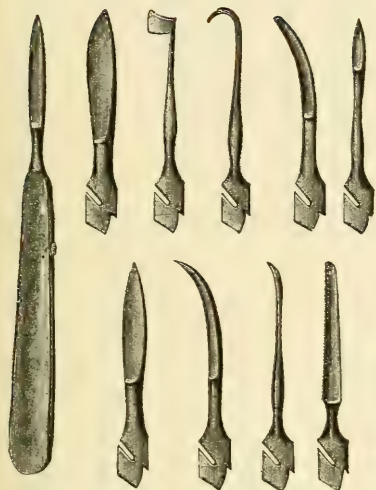


B/-8831

### Pocket Case Knives

	Each
B/-8825 Double Bladed Knife, detachable handle, can be supplied in any combination of blades.....	\$ 2.00
B/-8830 Abscess Knife, single edged, in reversible handle..	1.50
B/-8831 Abscess Knife, double edged, in reversible handle..	1.50
B/-8836 Abscess Lancet, folding, hard rubber handle.....	.40
B/-8837 Abscess Lancet, folding, shell handle.....	.75
B/-8838 Abscess Lancet, folding, metal handle.....	.60
B/-8839 Abscess Lancet, fixed metal handle.....	.60





B/-8855



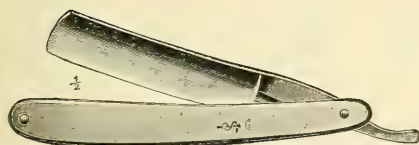
B/-8847-49



B/-8850



B/-8868



B/-8860 and B/-8862

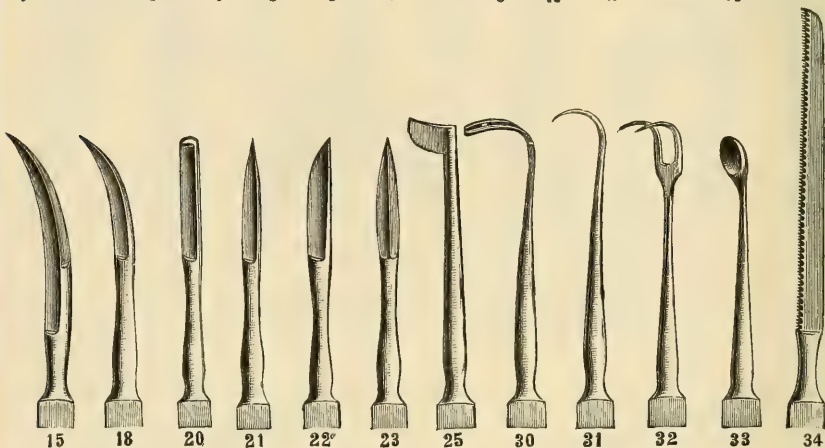
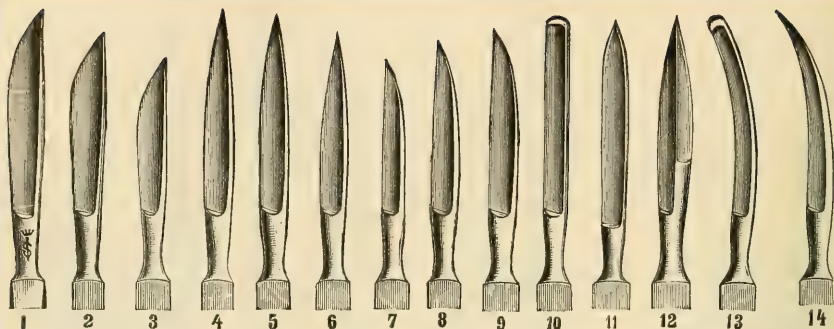


B/-8861 and B/-8863

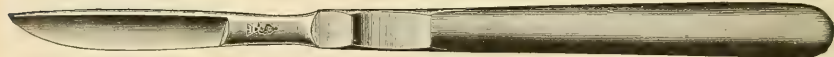
## Pocket Case Knives

(Continued)

	Each		Each
B/-8847 Thumb Lancet, folding, hard rubber handle.....	\$ .40	B/-8855 Set of 10 Blades, fitting 2 detachable ivory handles.....	\$ 7.00
B/-8848 Thumb Lancet, folding, shell handle.....	.75	B/-8860 Aseptic Razor, $4\frac{1}{4}$ inches.....	1.35
B/-8849 Thumb Lancet, folding, metal handle.....	.60	B/-8861 Aseptic Razor, $4\frac{1}{4}$ inches, separable.....	1.50
B/-8850 Thumb Lancet, folding, fixed metal handle.....	.60	B/-8862 Aseptic Razor, $5\frac{1}{4}$ inches.....	1.75
		B/-8863 Aseptic Razor, $5\frac{1}{4}$ inches, separable.....	2.00
		B/-8868 Hunter Robb's Aseptic Razor.....	2.50



B/-8875



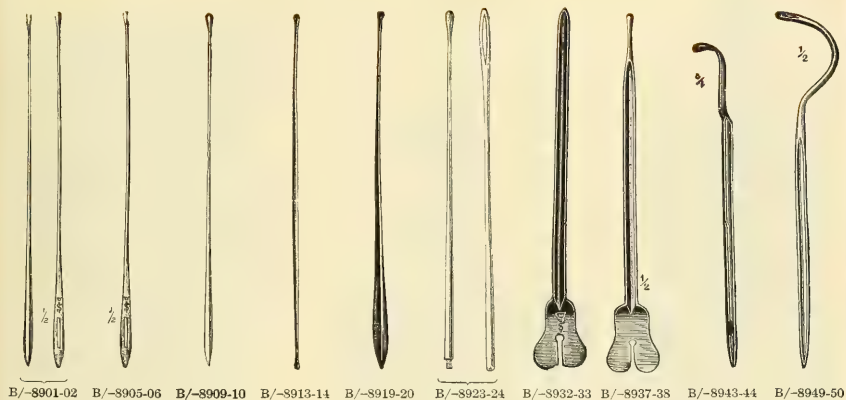
B/-8877

### Pocket Case Knives

(Continued)

B/-8875	Little's Pocket Case Knives, regular style, blades figs. 1 to 34.....	Each \$ .50
B/-8877	Little's Pocket Case Knives, large style, blades, figs. 1 to 34.....	.75

Illustrations show actual sizes of blades.

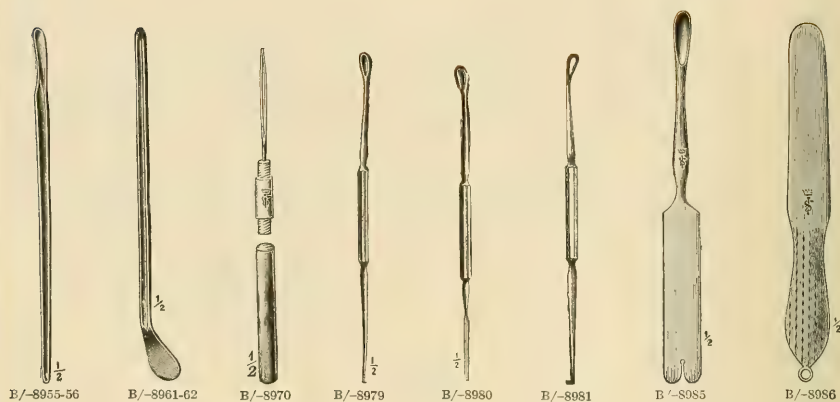


### Probes

		4, 4 1/2 and 5 Inches	6 Inches	7 Inches	8 Inches	9 Inches	10 Inches	12 Inches
B/-8901	Probes, in pairs, plated.....pair	\$ .20						
B/-8902	Probes, in pairs, silver.....pair	.60						
B/-8905	Probes, single, with eye, plated.....	.10	.20	.20	.25	.30	.35	.50
B/-8906	Probes, single, with eye, silver.....	.35	.50	.60	.65	.80	1.00	1.25
B/-8909	Probes, single, spear end, plated.....	.10	.20	.20	.25	.30	.35	.50
B/-8910	Probes, single, spear end, silver.....	.35	.50	.60	.65	.80	1.00	1.25
B/-8913	Probes, double olive point, plated.....	.10	.20	.20	.25	.30	.35	.50
B/-8914	Probes, double olive point, silver.....	.35	.50	.60	.65	.80	1.00	1.25
B/-8919	Probes, myrtle leaf end, plated.....	.30						
B/-8920	Probes, myrtle leaf end, silver.....	.60						
B/-8923	Probes, to unscrew, plated.....						.60	
B/-8924	Probes, to unscrew, silver.....						1.40	

### Directors

B/-8932	Director and Tongue Ties, plated.....	.25	.40	.50	.60	.75	.90
B/-8933	Director and Tongue Ties, silver.....	1.20					
B/-8937	Director and Tongue Ties, probe pointed, plated.....	.35					
B/-8938	Director and Tongue Ties, probe pointed, silver.....	1.60					
B/-8943	Director and Aneurism Needles, Cooper's, plated.....	.35					
B/-8944	Director and Aneurism Needles, Cooper's, silver.....	1.10					
B/-8949	Director and Aneurism Needles, Langenbeck's, plated.....	.45					
B/-8950	Director and Aneurism Needles, Langenbeck's, silver.....	1.20					



### Directors

(Continued)

	Each
B/-8955 Director and Ear Spoon, plated.....	\$ .35
B/-8956 Director and Ear Spoon, silver.....	1.10
B/-8961 <b>Wilms'</b> Angular Directors, plated.....	.50
B/-8962 <b>Wilms'</b> Angular Directors, silver.....	1.20

### Exploring Needle

B/-8970 Exploring Needle, in reversible case.....	.50
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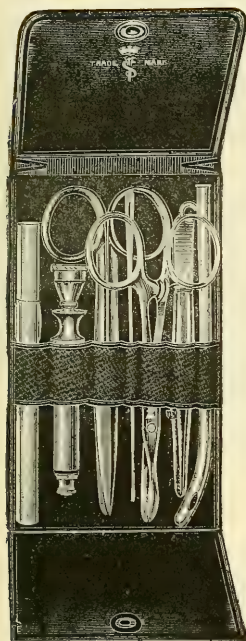
### Spoons and Curettes

B/-8979 <b>Gross'</b> Ear Spoon and Hook.....	.30
B/-8980 <b>Gross'</b> Ear Spoon and Spuds.....	.40
B/-8981 <b>Gross'</b> Ear Curette and Hook.....	.40

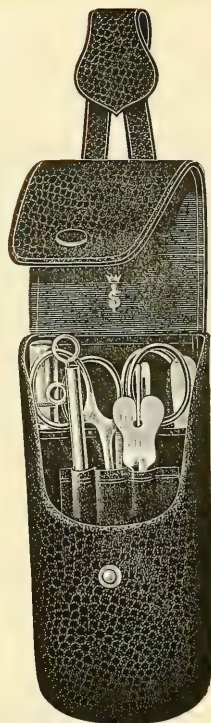
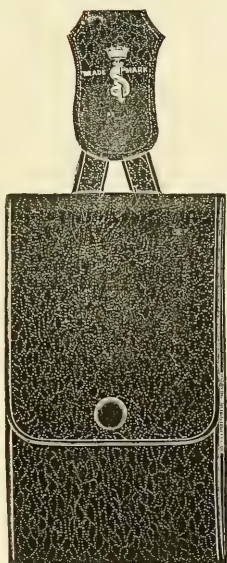
### Spatulas

B/-8985 Spatula and Spoon.....	1.00
B/-8986 Spatula with ring.....	.50





B-9005-07



B/-9009

### Leather Pocket Cases

B/-9005 Nurse's Chatelaine Set, in fine black leather case. . . . . Each \$ 4.25

#### Contents:

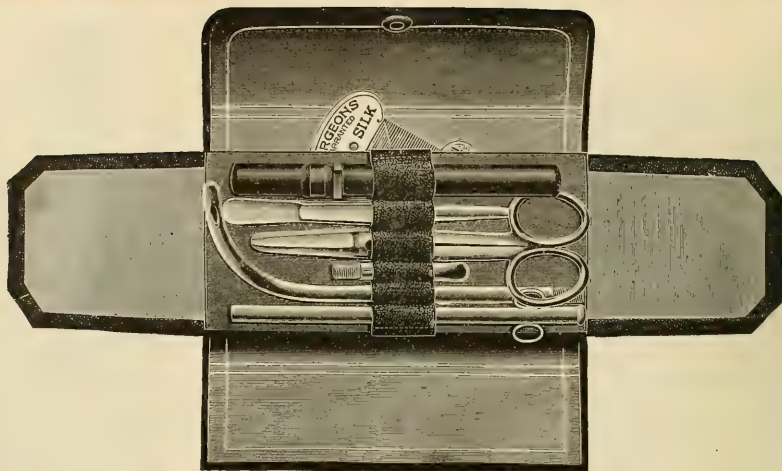
- |                                |                              |
|--------------------------------|------------------------------|
| 1 Clinical Thermometer         | 1 Thumb Forceps              |
| 1 Aseptic Hypodermatic Syringe | 1 Pean's Haemostatic Forceps |
| 1 Straight Scissors 4½ inches  | 1 Female Catheter            |
| 1 Probe with eye               |                              |

B/-9007 Nurse's Chatelaine Set, in fine genuine seal leather case, contents same as above. . . . . 5.50

B/-9009 Nurse's Chatelaine Set, in fine black leather case. . . . . 4.75

#### Contents:

- |                                |                            |
|--------------------------------|----------------------------|
| 1 Clinical Thermometer         | 1 Pair Probes              |
| 1 Straight Scissors, 4½ inches | 1 Director with Tongue Tie |
| 1 Thumb Forceps                | 1 Female Catheter          |
| 1 Pean's Haemostatic Forceps   |                            |



B/-9012

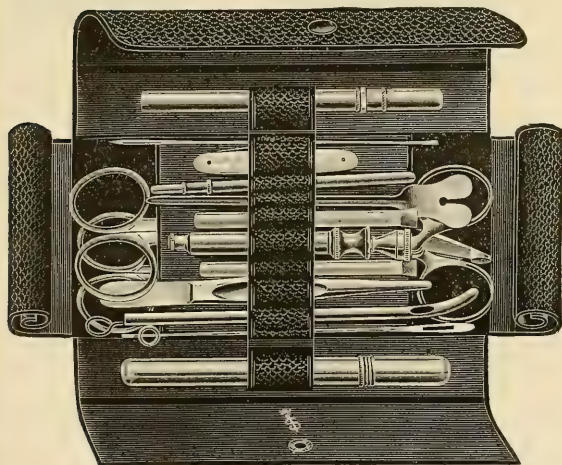
### Leather Pocket Cases

(Continued)

B/-9012 Nurse's Pocket Case, Small, in fine leather case..... Each \$ 4.00

#### Contents:

- |                        |                     |
|------------------------|---------------------|
| 1 Clinical Thermometer | 1 Combined Catheter |
| 1 Straight Scissors    | Needles and Silk    |
| 1 Thumb Forceps        |                     |

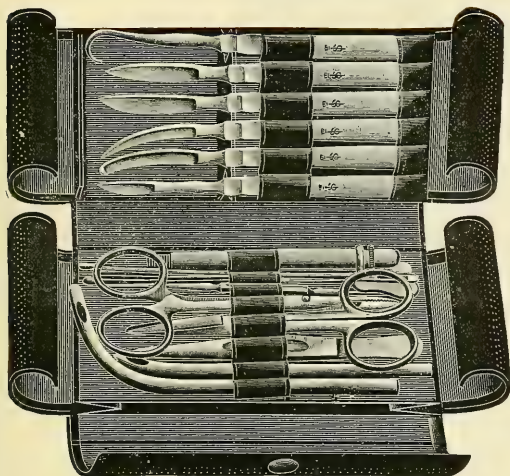


B/-9014

B/-9014 Nurse's Pocket Case, Large, in fine black leather case..... 7.50

#### Contents:

- 1 Clinical Thermometer
- 1 Bath Thermometer
- 1 Straight Scissors, 4½ inches
- 1 Bandage Scissors, 6 inches
- 1 Thumb Forceps
- 1 Pean's Haemostatic Forceps
- 1 Pocket Knife, folding
- 1 Silver Pencil
- 1 Hypodermic Syringe
- 2 Vials, for tablets
- 1 Pair Probes
- 1 Director with Tongue Tie
- 1 Female Catheter



B/-9022

### Leather Pocket Cases

(Continued)

B/-9022 Columbia Pocket Case, Regular, in fine black leather case . . . . . \$ 6.00

#### Contents:

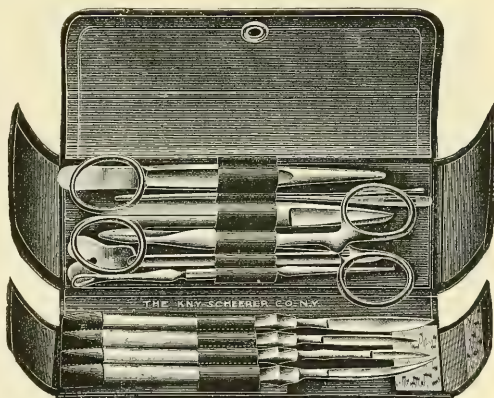
- 6 Little's Knives, assorted
- 1 Straight Scissors
- 1 Pean's Haemostatic Forceps
- 1 Thumb Forceps
- 1 Parker's Combined Catheter
- 1 Gross' Ear Spoon and Hook
- 1 Director with Tongue Tie
- 1 Pair Probes
- Needles and Silk

\*B/-9024 Columbia Pocket Case, Special, in fine black leather case. Contents same as above but with large style Little's Knives. . . . . \$ 7.50

B/-9027 Columbia Pocket Case, Small, in fine black leather case . . . . . \$ 5.00

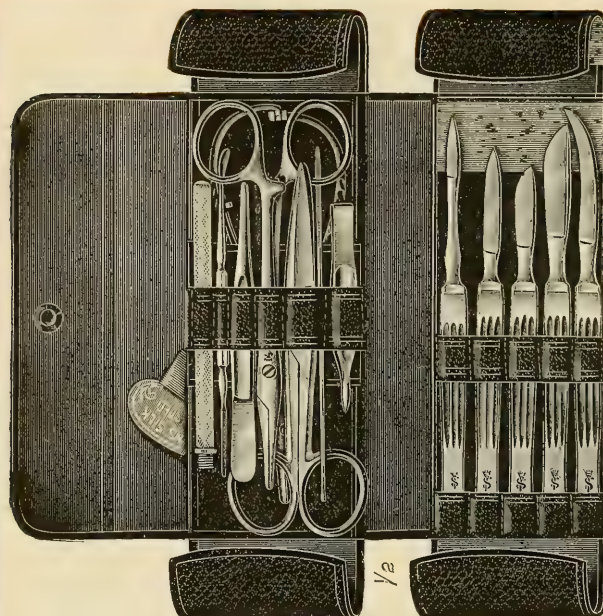
#### Contents:

- 4 Little's Knives, assorted
- 1 Straight Scissors
- 1 Pean's Haemostatic Forceps
- 1 Thumb Forceps
- 1 Gross' Ear Spoon and Hook
- 1 Director and Tongue Tie
- 1 Pair of Probes
- Needles and Silk



B/-9027





B/-9030

# Leather Pocket Cases

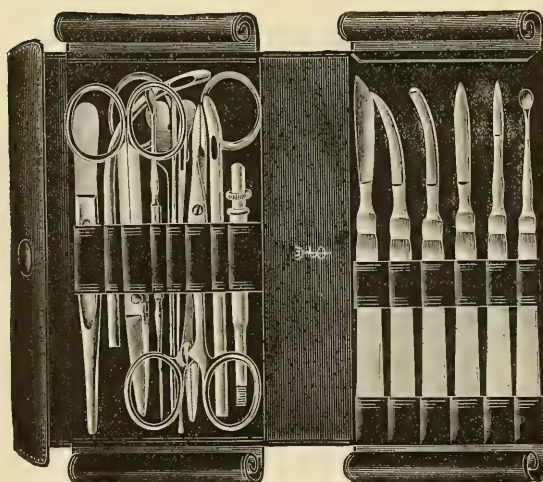
(Continued)

Each

B/-9030 Cornell  
Pocket Case, in  
fine black leather  
case ..... \$9.00

## Contents:

- 5 Minor Operating Knives
- 1 Straight Scissors, 5 inches
- 1 Mathieu's Needle Holder, 5 inches
- 1 Kelly's Haemostatic Forceps
- 1 Thumb Forceps
- 1 Feilchenfeld's Splinter Forceps
- 1 Abscess Knife, reversible
- 1 Gross' Ear Spoon and Hook
- 1 Pair Probes
- Needles and Silk



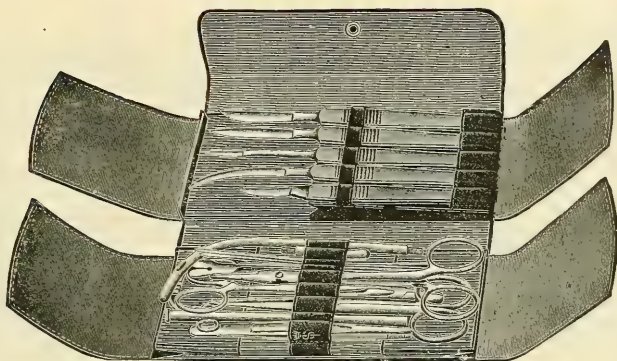
B/-9036

B/-9036 Harvard  
Pocket Case, in genu-  
ine calf case ..... \$7.25

## Contents:

- 6 Little's Knives, assorted
- 1 Pean's Haemostatic Forceps
- 1 Jones' Haemostatic Forceps
- 1 Straight Scissors
- 1 Thumb Forceps
- 1 Parker's Combined Catheter
- 1 Gross' Ear Spoon and Hook
- 1 Director with Tongue Tie
- 1 Pair of Probes
- Needles and Silk





B/-9040

### Leather Pocket Cases

(Continued)

B/-9040 Jefferson Pocket Case, in fine leather case ..... Each **\$ 9.50**

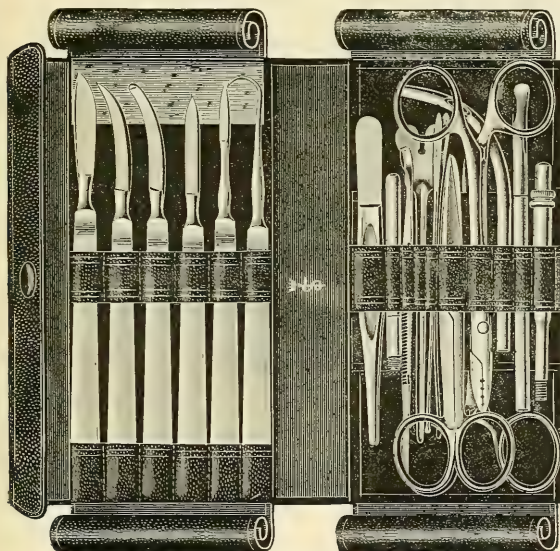
#### Contents:

5 Minor Operating Knives  
1 Combined Catheter  
1 Pean's Haemostatic Forceps

1 Kelly's Haemostatic Forceps  
1 Straight Scissors, 5 inches  
1 Thumb Forceps,  $4\frac{1}{2}$  inches

1 Mathieu's Needle Holder,  $4\frac{1}{2}$  inches  
1 Director with Tongue Tie  
1 Pair Probes; Needles and Silk

B/-9041 Jefferson Pocket Case, in genuine morocco case, contents same as above..... **10.50**

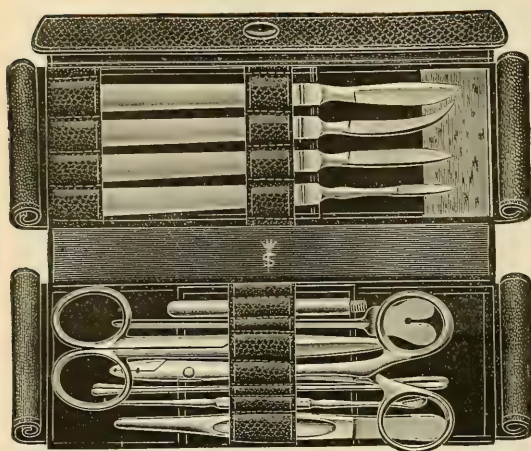


B/-9045

B/-9045 **Kny-Scheerer  
Co.'s Pocket Case,**  
Large, in fine leather  
case..... **10.00**

#### Contents:

6 Little's Knives, large style  
1 Abbe's Needle Holder  
1 Pean's Haemostatic Forceps  
1 Straight Scissors,  $4\frac{1}{2}$  inches  
1 Thumb Forceps  
1 Parker's Combined Catheter  
1 Wright's Curette  
1 Exploring Needle  
1 Director with Tongue Tie  
1 Pair Probes  
Needles and Silk



B/-9047

## Leather Pocket Cases

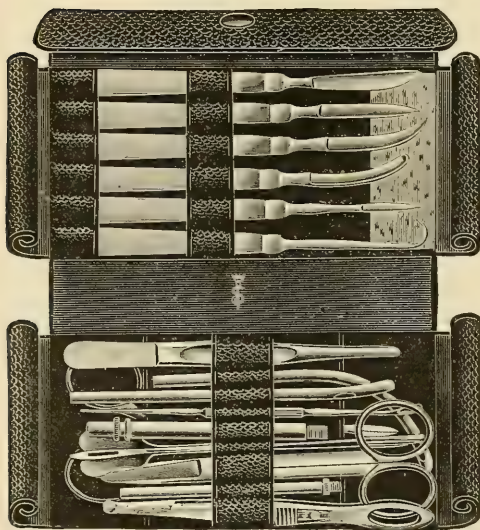
(Continued)

Each

B/-9047 **Kny-Scheerer**  
Co.'s Pocket Case, Small,  
in fine leather case..... \$ 7.25

### Contents:

- 4 Little's Knives, large style
- 1 Abbe's Needle Holder
- 1 Straight Scissors, 4½ inches
- 1 Thumb Forceps
- 1 Gross' Ear Spoon and Hook
- 1 Exploring Needle
- 1 Director with Tongue Tie
- 1 Pair Probes
- Needles and Silk

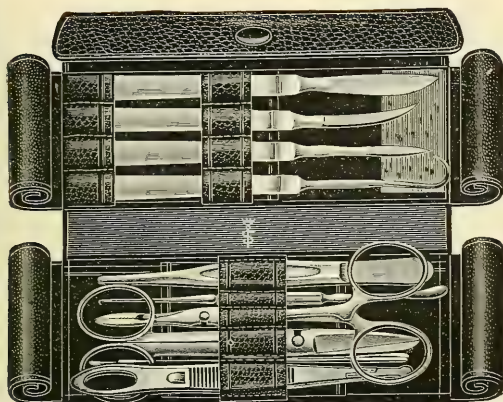


B/-9052

B/-9052 **Little's** Pocket  
Case, Large, in fine leather  
case..... 8.50

### Contents:

- 6 Little's Knives
- 1 Artery Forceps and Needle Holder
- 1 Straight Scissors, 4½ inches
- 1 Pean's Haemostatic Forceps
- 1 Thumb Forceps
- 1 Parker's Combined Catheter
- 1 Director with Tongue Tie
- 1 Gross' Ear Spoon and Hook
- 1 Exploring Needle
- 1 Pair Probes
- Needles and Silk



B/-9054

## Leather Pocket Cases

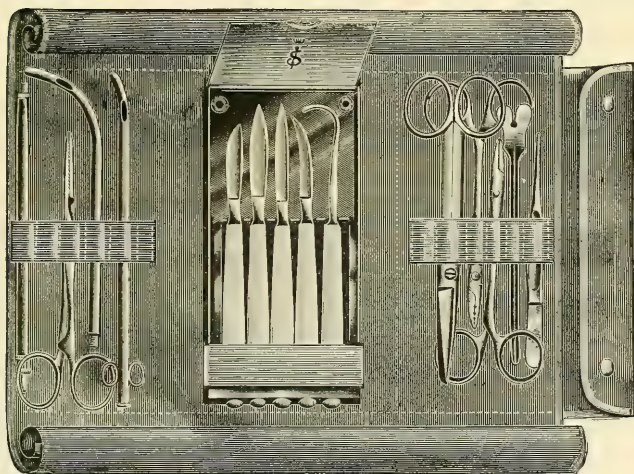
(Continued)

Each

B/-9054 **Little's Pocket Case**,  
small, in fine leather case. . . . \$ 7.00

### Contents:

- 4 Little's Knives
- 1 Artery Forceps and Needle Holder
- 1 Straight Scissors,  $4\frac{1}{2}$  inches
- 1 Pean's Haemostatic Forceps
- 1 Thumb Forceps
- 1 Gross' Ear Spoon and Hook
- 1 Pair Probes
- Needles and Silk



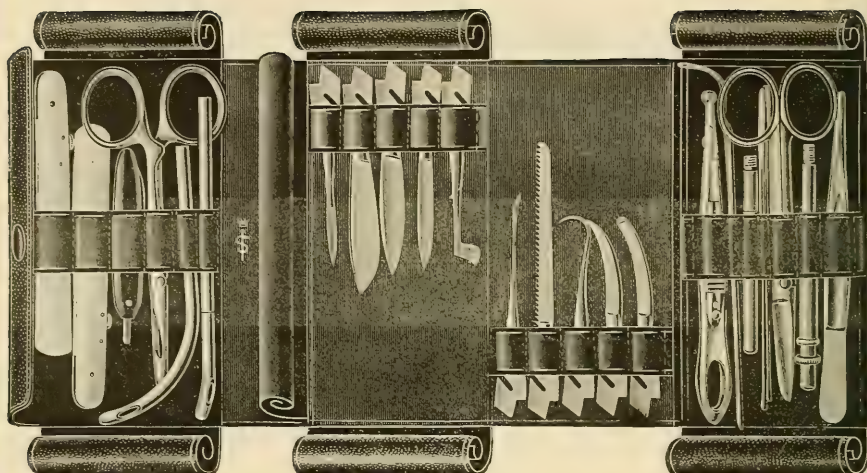
B/-9065

B/-9065 **U. S. Army Pocket Case, 1911 Model**, in brown canvas pouch, knives in sterilizable metal rack. \$ 10.00

### Contents:

- |                               |                                 |                                       |
|-------------------------------|---------------------------------|---------------------------------------|
| 5 Little's Knives             | 1 Tait's Haemostatic Forceps    | 1 Exploring Needle and Caustic Holder |
| 1 Straight Scissors, 6 inches | 1 Wyeth's Haemostatic Forceps   | 1 Director, with Tongue Tie           |
| 1 Abbe's Needle Holder        | 1 Tissue Forceps, 1 and 2 teeth | 1 Silver Probe; Needles and Silk      |
|                               | 1 Combined Catheter             |                                       |





B/-9067

### Leather Pocket Cases

(Continued)

B/-9067 U. S. A. Pocket Case, Original Model, in fine leather case..... Each \$ 15.00

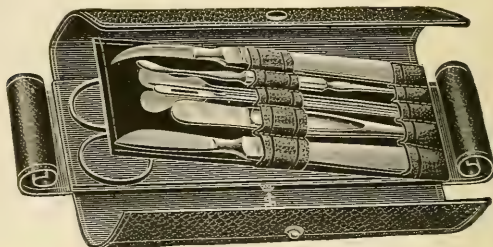
#### Contents:

- 1 Set, 10 blades, with 2 ivory detachable handles
- 1 Artery Forceps and Needle Holder
- 1 Pean's Haemostatic Forceps
- 1 Straight Scissors, 4½ inches
- 1 Thumb Forceps
- 1 Parker's Combined Catheter
- 1 Abscess Lancet
- 1 Director with Aneurism Needle
- 1 Exploring Needle
- 1 Pair Probes
- Needles and Silk

B/-9070 Vest Pocket Case, small,  
in fine leather case..... Each \$ 3.75

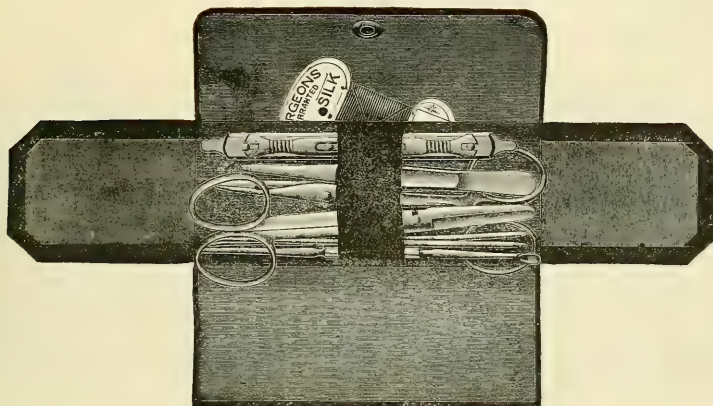
#### Contents:

- 2 Little's Knives
- 1 Straight Scissors, 4 inches
- 1 Thumb Forceps
- 1 Director with Tongue Tie
- 1 Gross' Ear Spoon and Hook
- 1 Pair Probes



B/-9070





B/-9072

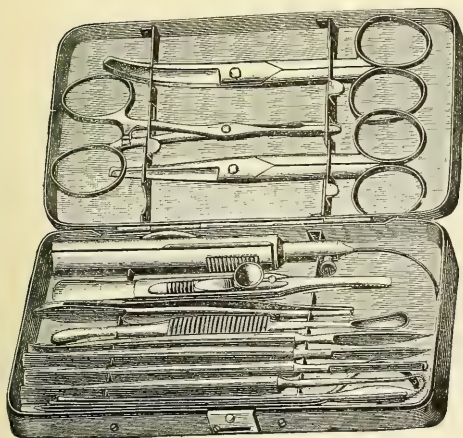
### Leather Pocket Cases

(Continued)

B/-9072 Vest Pocket Case, large, in fine leather case . . . . . Each \$ 5.50

#### Contents:

- |  |                              |
|--|------------------------------|
| 1 Scalpel and Curved Sharp Bistoury, in folding metal handle | 1 Pean's Haemostatic Forceps |
| 1 Straight Scissors, 4 inches                                | 1 Gross' Ear Spoon and Hook  |
| 1 Thumb Forceps  | 1 Pair Probes                |
|  | Needles and Silk             |



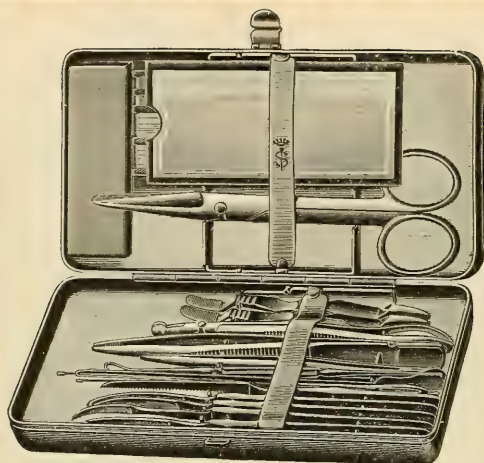
B/-9080

### Metal Pocket Cases

B/-9080 **Bergmann's Metal**  
Pocket Case, size 6 inches long x  
3 1/4 inches wide x 7/8 inch high . . 16.00

#### Contents:

- 4 Knives
- 1 Volkmann's Curette, 4 1/2 inches,
- 1 Tissue Forceps, 1 and 2 teeth
- 1 Fricke's Artery Forceps
- 1 Director with Aneurism Needle
- 1 Myrtle Leaf Probe
- 1 Probe, double olive
- 1 Straight Scissors, 4 1/2 inches
- 1 Curved Scissors, 4 1/4 inches
- 1 Pean's Haemostatic Forceps
- 1 Goetz's Canulated Needle



B/-9083

Each

**B/-9083 Bofflueur's Metal Pocket Case, size**  
6 inches long x  $3\frac{1}{4}$  inches wide x  $\frac{7}{8}$   
inch high ..... **\$16.50**

**Contents:**

- 5 Little's Knives
- 1 Coxeter's Dissecting Forceps,  $5\frac{1}{2}$  inches
- 1 Dressing Forceps,  $4\frac{1}{2}$  inches
- 1 Director, with Tongue Tie
- 1 Probe with eye
- 1 Probe double-ended
- 1 Gross' Spoon and Hook
- 1 Artery Forceps and Needle Holder
- 1 Straight Scissors, 5 inches
- 2 Serronies
- Needles and Silk



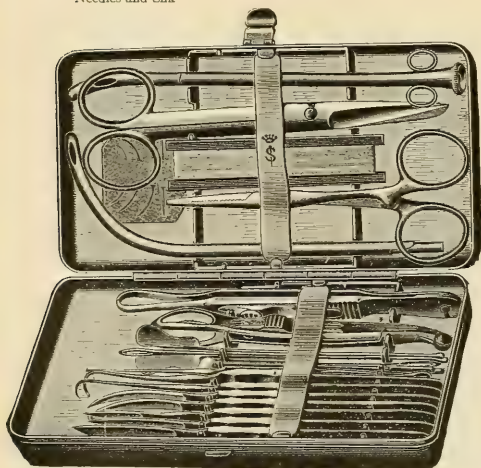
B/-9087

Each

**B/-9087 Czerny's Metal Pocket Case, size  $4\frac{1}{2}$**   
inches long x  $2\frac{1}{2}$  inches wide x 1  
inch high ..... **\$13.50**

**Contents:**

- 1 Universal Handle, with 4 blades
- 1 Dressing Forceps, 4 inches
- 1 Tissue Forceps, 4 inches
- 1 Polypus Dressing Forceps, 4 inches
- 1 Straight Scissors, 4 inches
- 1 Artery Forceps and Needle Holder
- 1 Director with Tongue Tie
- 1 Myrtle Leaf Probe,
- 1 Probe, double-ended
- 1 Caustic Holder
- 1 Thermometer
- 1 Bottle Sterilized Silk
- Needles

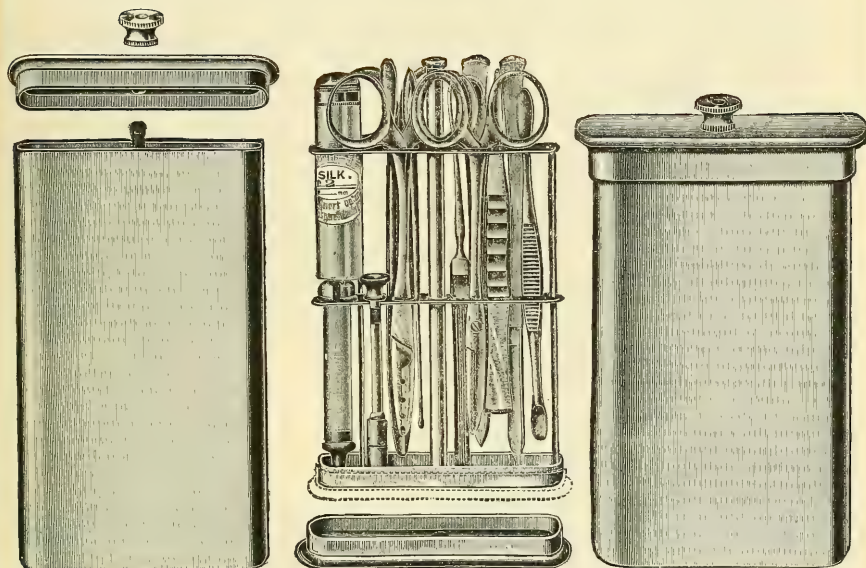


B/-9090

**B/-9090 Hamilton's Metal Pocket**  
Case, size 6 inches long x  $3\frac{1}{4}$  inches  
wide x  $\frac{7}{8}$  inch high ..... **\$17.00**

**Contents:**

- 7 Little's Knives
- 1 Artery Forceps and Needle Holder
- 1 Roser's Artery Forceps
- 1 Kocher's Haemostatic Forceps
- 1 Straight Scissors, 5 inches
- 1 Director with Tongue Tie
- 1 Combined Catheter
- 1 Gross' Spoon and Hook
- 1 Pair Probes, silver
- 1 Hamilton's Bullet Probe
- Needles and Silk



(U. S. Patent, February 2nd, 1916)

B/-9093

### Metal Pocket Cases

(Continued)

B/-9093 "Rellum" Metal Pocket Case, size  $6\frac{1}{4}$  inches long by  $3\frac{1}{2}$  inches wide by  $1\frac{3}{8}$  inches thick. . . . \$ 15.00

This set fulfills all requirements as to asepsis and usefulness. It is very compact, and of such a form that it can be carried in a coat pocket very readily. The instruments are suspended from an upright rack and are, therefore, in full view and readily removed.

The construction of the case is air-tight, and therefore the same can be filled with alcohol or any other antiseptic fluid, assuring the contents to be sterile at all times.

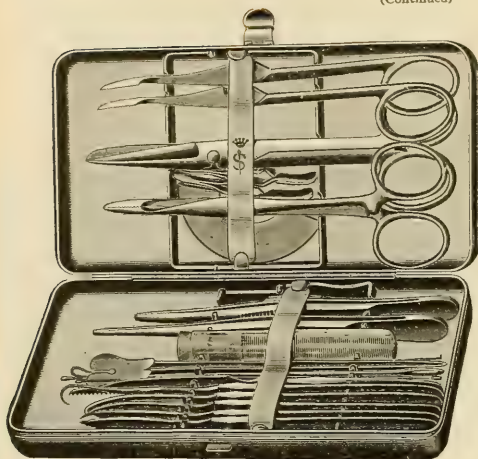
#### Contents:

- |                              |                                  |
|------------------------------|----------------------------------|
| 2 Scalpels                   | 1 Retractor, single prong        |
| 1 Straight Scissors          | 1 Director with Aneurism Needle  |
| 1 Thumb Forceps              | 1 Probe, with eye                |
| 1 Jones' Haemostatic Forceps | 1 Record Syringe, with 2 needles |
| 1 Abbe's Needle Holder       | 1 Bottle, with sterile silk      |
| 1 Volkmann's Double Curette  | 1 Needle Case, with needles      |



# Metal Pocket Cases

(Continued)

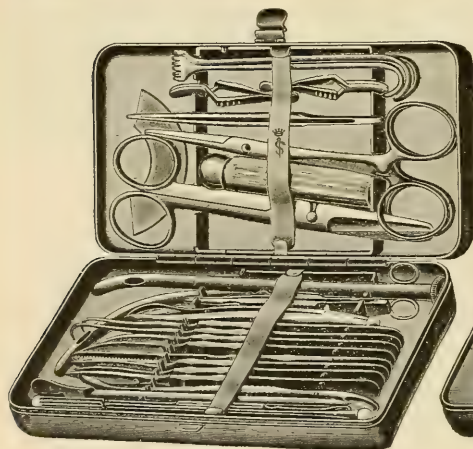


B/-9095

**B/-9095 Ochsner's Metal Pocket Case**, size 6 inches long x  $3\frac{1}{4}$  inches wide x  $\frac{7}{8}$  inch high ..... **\$17.50** Each

## Contents:

- 6 Little's Knives
- 1 Straight Scissors, 5 inches
- 1 Polypus Dressing Forceps, 5 inches
- 1 Pean's Haemostatic Forceps, 5 inches
- 1 Tissue Forceps, 5 inches
- 1 Fricke's Artery Forceps
- 2 Serrefines
- 1 Gross' Spoon and Hook
- 1 Director with Tongue Tie
- 1 Probe with eye
- 1 Probe, double-ended
- 1 Bottle of Sterilized Silk
- 1 Metal Box, with Needles

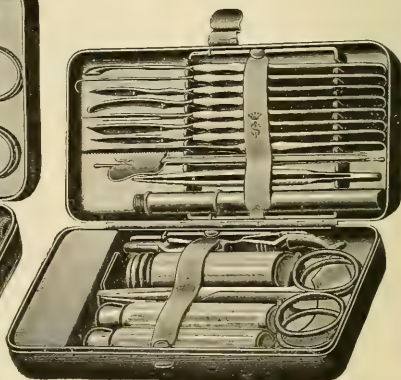


B/-9103

**B/-9103 Senn's Medium Metal Pocket Case**, size 6 inches long x  $3\frac{1}{4}$  inches wide x  $\frac{7}{8}$  inch high ..... **\$24.00** Each

## Contents:

- 8 Little's Knives
- 1 Volkmann's Bone Curette
- 2 Senn's Retractors
- 2 Kocher's Haemostatic Forceps
- 1 Dressing Forceps
- 1 Tissue Forceps
- 1 Straight Scissors
- 2 Serrefines
- 1 Artery Forceps and Needle Holder
- 1 Gross' Spoon and Hook
- 1 Combined Catheter
- 2 Hamilton's Bullet Probes
- 1 Director with Tongue Tie
- 1 Metal Box, with Needles and Silk



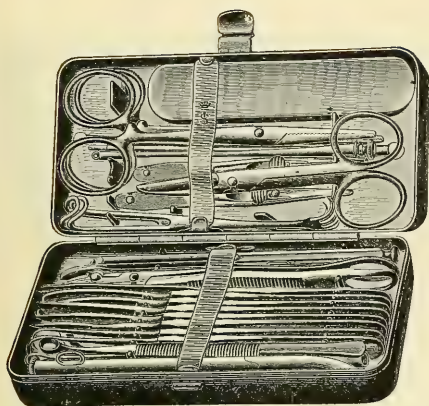
B/-9101

**B/-9101 Senn's Small Metal Pocket Case**, size  $5\frac{1}{8}$  inches long x  $2\frac{1}{2}$  inches wide x  $1\frac{1}{4}$  inches high ..... **\$17.50** Each

## Contents:

- 8 Little's Knives
- 1 Pean's Haemostatic Forceps
- 4 Serrefines
- 1 Straight Scissors,  $4\frac{1}{2}$  inches
- 1 Dressing Forceps,  $4\frac{1}{2}$  inches
- 1 Caustic Holder
- 1 Director with Tongue Tie
- 1 Director with Aneurism Needle
- 1 Probe, double-ended
- 1 Soft Rubber Catheter
- 1 Bottle Sterilized Silk
- 1 Bottle Sterilized Catgut
- 1 Bottle Corrosive Sublimat Tablets
- Needles





B/-9105

## Metal Pocket Cases

(Continued)

Each

B/-9105 **Senn's Large Metal Pocket Case**, size  $5\frac{1}{8}$  inches long x  $2\frac{1}{2}$  inches wide x  $1\frac{1}{4}$  inches high.....\$ 25.00

### Contents:

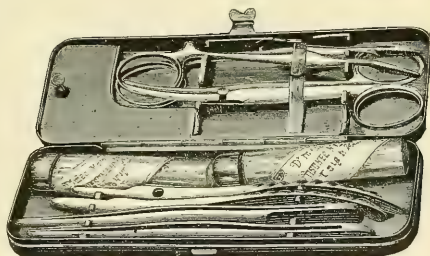
- 8 Little's Knives
- 2 Kocher's Haemostatic Forceps
- 1 Senn's Artery Forceps, 1 x 2 teeth
- 1 Senn's Artery Forceps, 2 x 3 teeth
- 1 Straight Scissors
- 1 Exploring Trocar
- 2 Senn's Retractors
- 1 Senn's Gouge
- 2 Serrefines
- 1 Artery Forceps and Needle Holder
- 1 Director with Tongue Tie
- 1 Senn's Curette
- 1 Gross' Curette and Hook
- 2 Senn's Bullet Probes
- 1 Combined Catheter
- Needles and Silk

B/-9112 **No. 1 Metal Pocket Case**, size 6 inches long x 2 inches wide x  $\frac{7}{8}$  inch high.....\$ 10.75

Each

### Contents:

- 1 Langenbeck's Needle Holder
- 1 Dressing Forceps
- 1 Tissue Forceps
- 1 Pean's Haemostatic Forceps
- 1 Curved Scissors
- 1 Probe with eye
- 1 Bottle Sterilized Silk
- 1 Bottle Sterilized Catgut
- Needles



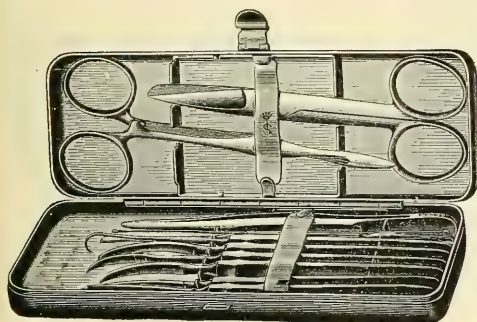
B/-9112

B/-9113 **No. 2 Metal Pocket Case**, size 6 inches long x 2 inches wide x  $\frac{7}{8}$  inch high.....\$ 9.50

Each

### Contents:

- 6 Little's Knives
- 1 Dressing Forceps,  $4\frac{1}{4}$  inches
- 1 Straight Scissors,  $4\frac{1}{4}$  inches
- 1 Pean's Haemostatic Forceps
- 1 Gross' Spoon and Hook
- 1 Pair Probes



B/-9113

# Metal Pocket Cases

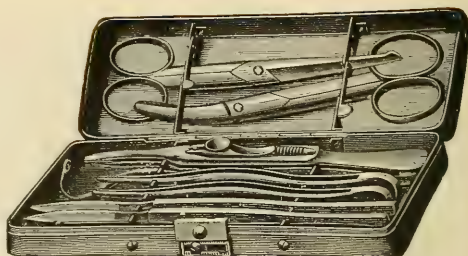
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Each

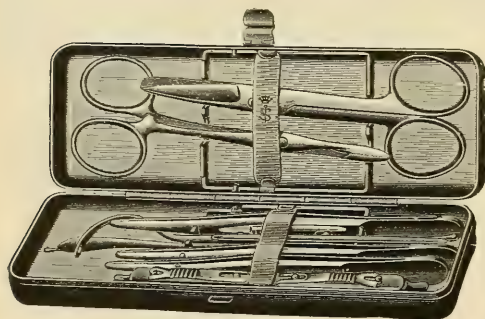
B/-9114 No. 3 Metal Pocket Case, size 6 inches long x 2 inches wide x  $\frac{7}{8}$  inch high . . . . . \$11.00

## Contents:

- 2 Knives
- 1 Straight Scissors,  $4\frac{1}{2}$  inches
- 1 Curved Scissors,  $4\frac{1}{2}$  inches
- 1 Dressing Forceps,  $4\frac{1}{2}$  inches
- 1 Tissue Forceps,  $4\frac{1}{2}$  inches
- 1 Director with Aneurism Needle
- 1 Fricke's Artery Forceps
- 1 Probe, double-ended
- 1 Myrtle Leaf Probe



B/-9114



B/-9115

B/-9115 No. 4 Metal Pocket Case, size 6 inches long x 2 inches wide x  $\frac{7}{8}$  inch high . . . \$11.25

Each

## Contents:

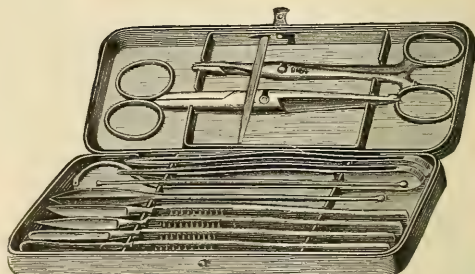
- 1 Folding Pocket Case Knife
- 1 Fricke's Artery Forceps
- 1 Dressing Forceps,  $4\frac{1}{2}$  inches
- 1 Tissue Forceps,  $4\frac{1}{2}$  inches
- 1 Straight Scissors,  $4\frac{1}{2}$  inches
- 1 Pean's Haemostatic Forceps
- 1 Myrtle Leaf Probe
- 1 Probe, double-ended
- 1 Director with Aneurism Needle

B/-9117 No. 5 Metal Pocket Case, size 6 inches long x 2 inches wide x  $\frac{7}{8}$  inch high . . . . . \$11.00

Each

## Contents:

- 4 Knives
- 1 Straight Scissors,  $4\frac{1}{2}$  inches
- 1 Thumb Forceps,  $4\frac{1}{2}$  inches
- 1 Tissue Forceps,  $4\frac{1}{2}$  inches
- 1 Pean's Haemostatic Forceps
- 1 Myrtle Leaf Probe
- 1 Probe, double-ended
- 1 Director with Aneurism Needle



B/-9117

PATENT OF QUALITY



B/-9124

## Metal Pocket Cases

(Continued)

B/-9124 No. 12 Metal Pocket Case, size 6 inches long, x  $3\frac{1}{4}$  inches wide x  $\frac{7}{8}$  inch high. . . . \$ 18.00

Each

### Contents:

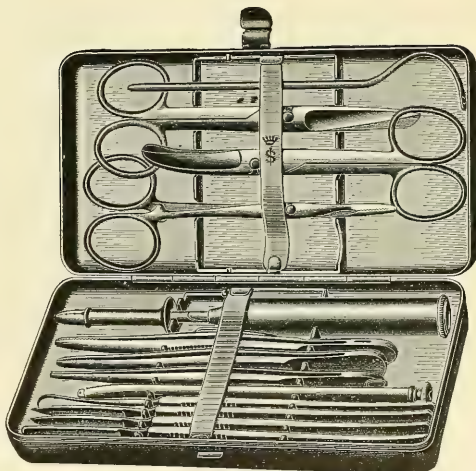
- 4 Knives,
- 1 Fricke's Artery Forceps, 5 inches
- 1 Tissue Forceps, 5 inches
- 1 Mathieu's Needle Holder
- 1 Pean's Haemostatic Forceps
- 1 Straight Scissors,  $4\frac{1}{2}$  inches
- 1 Curved Scissors,  $4\frac{1}{2}$  inches
- 1 Director with Tongue Tie
- 1 Volkmann's Curette,  $4\frac{1}{2}$  inches
- 1 Pair Probes
- 1 Myrtle Leaf Probe
- 1 Bottle Sterilized Silk Needles

B/-9126 No. 14 Metal Pocket Case, size 6 inches long x  $3\frac{1}{4}$  inches wide x  $\frac{7}{8}$  inch high. . . . \$ 18.00

Each

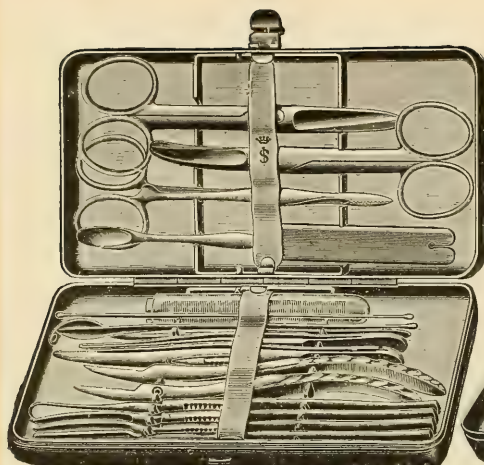
### Contents:

- 4 Knives
- 1 Bellocque's Canula
- 1 Dressing Forceps,  $4\frac{1}{2}$  inches
- 1 Tissue Forceps,  $4\frac{1}{2}$  inches
- 1 Fricke's Artery Forceps
- 1 Bergmann's Needle Holder
- 1 Straight Scissors,  $4\frac{1}{2}$  inches
- 1 Curved Scissors,  $4\frac{1}{2}$  inches
- 1 Director with Aneurism Needle
- 1 Pean's Haemostatic Forceps
- Needles

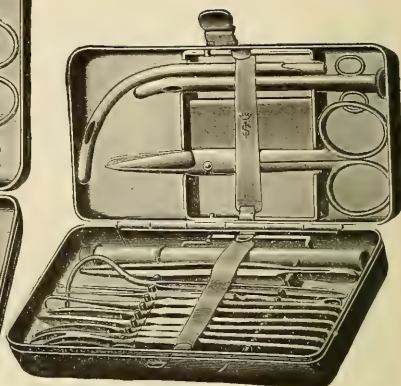


B/-9126





B/-9129



B/-9131

## Metal Pocket Cases

(Continued)

B/-9129 No. 16 Metal Pocket Case, size 6 Each inches long x  $3\frac{3}{4}$  inches wide x  $\frac{7}{8}$  inch high... \$16.00

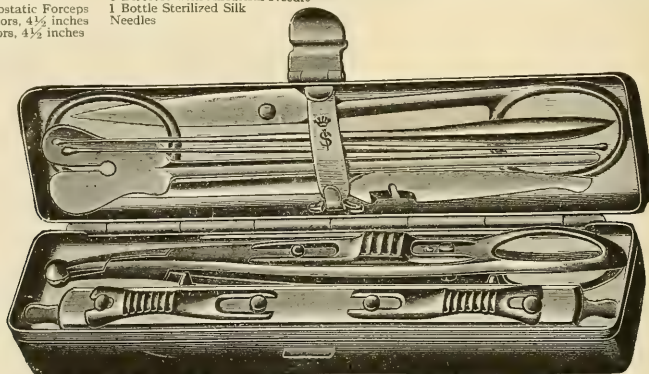
B/-9131 No. 18 Metal Pocket Case, size,  $5\frac{1}{8}$  Each inches long x  $2\frac{1}{2}$  inches wide x  $1\frac{1}{4}$  inches high. \$13.50

### Contents:

- 4 Knives
- 1 Fricke's Artery Forceps, 5 inches
- 1 Haertel's Needle Holder, 5 inches
- 1 Pean's Haemostatic Forceps
- 1 Straight Scissors,  $4\frac{1}{2}$  inches
- 1 Curved Scissors,  $4\frac{1}{2}$  inches
- 1 Tissue Forceps, 5 inches
- 1 Spatula and Curette
- 1 Probe, double-ended
- 1 Myrtle Leaf Probe
- 1 Director with Aneurism Needle
- 1 Bottle Sterilized Silk Needles

### Contents:

- 6 Little's Knives
- 1 Dressing Forceps,  $4\frac{1}{2}$  inches
- 1 Straight Scissors,  $4\frac{1}{2}$  inches
- 1 Gross' Spoon and Hook
- 1 Director with Aneurism Needle
- 1 Probe, double-ended
- 1 Caustic Holder
- 1 Combined Catheter Needles



B/-9133

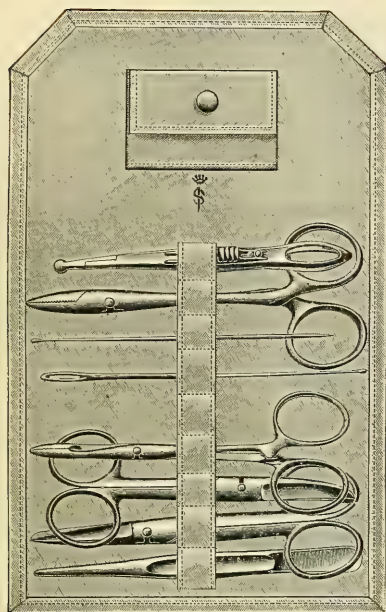
B/-9133 No. 20 Metal Pocket Case, size  $4\frac{1}{4}$  inches long x 1 inch wide x  $\frac{3}{4}$  inch high..... \$9.50

Each

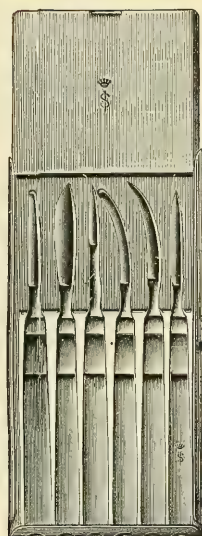
### Contents:

- 1 Folding Pocket Case Knife
- 1 Artery Forceps and Needle Holder
- 1 Director with Tongue Tie
- 1 Myrtle Leaf Probe
- 1 Probe, double-ended
- 1 Straight Scissors, probe pointed, 4 inches
- Needles and Silk

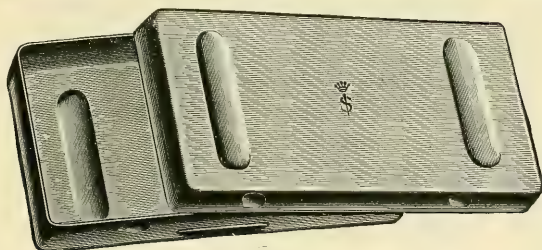




B/-9135



B/-9135



B/-9135

### Metal Pocket Cases

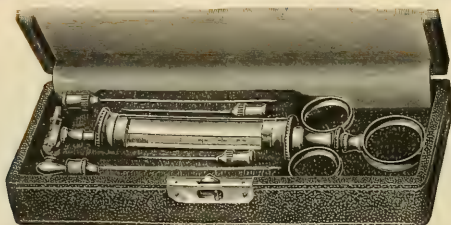
(Continued)

B/-9135 No. 22 (Common Sense) Metal Pocket Case, size  $5\frac{1}{2}$  inches long x  $2\frac{3}{4}$  inches wide x 1 inch high; German Silver telescopic metal case, with separate metal rack for holding knives, and sterilizable linen pouch for other instruments . . . . . \$ 16.00

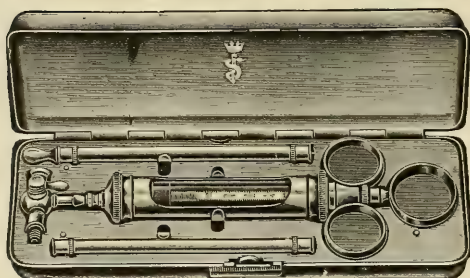
#### Contents:

6 Little's Knives  
1 Straight Scissors,  $4\frac{1}{2}$  inches  
1 Curved Scissors,  $4\frac{1}{2}$  inches  
1 Dressing Forceps,  $4\frac{1}{2}$  inches

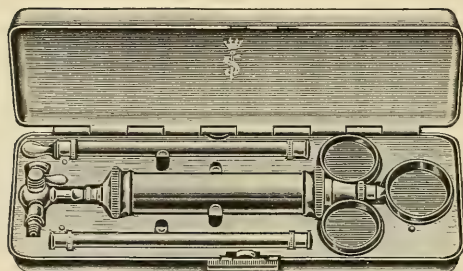
1 Tait's Haemostatic Forceps  
1 Pean's Haemostatic Forceps  
1 Artery Forceps and Needle Holder  
1 Pair Probes



B/-9150 and B/-9160



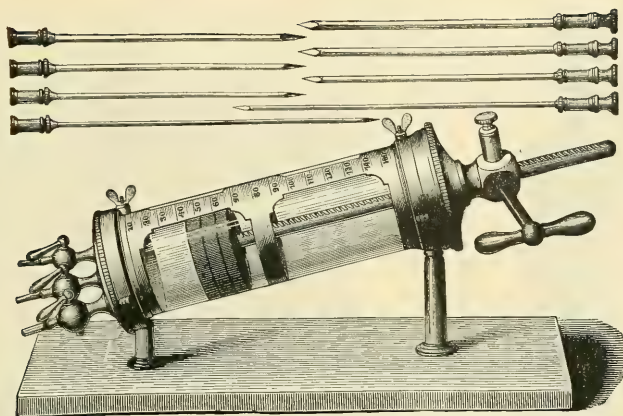
B/-9151 and B/-9161



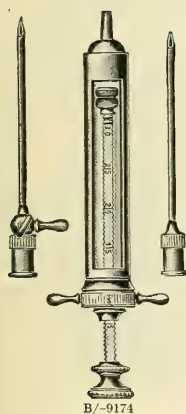
B/-9152 and B/-9162

### Aspirators

	Each
B/-9150 Pocket Aspirator, 2 drams capacity, glass barrel, leather packing, with 3 needles, 1 trocar and stopcock, in leather case.....	\$ 2.50
B/-9151 Pocket Aspirator, 2 drams capacity, glass barrel, leather packing, with 3 needles, 1 trocar and stopcock, in metal case.....	3.25
B/-9152 Pocket Aspirator, 2 drams capacity, metal barrel and metal plunger, with 3 needles, 1 trocar and stopcock, in metal case.....	3.50
B/-9160 Pocket Aspirator, 4 drams capacity, glass barrel, leather packing, with 3 needles, 1 trocar and stopcock, in leather case.....	3.25
B/-9161 Pocket Aspirator, 4 drams capacity, glass barrel, leather packing, with 3 needles, 1 trocar and stopcock, in metal case.....	4.00
B/-9162 Pocket Aspirator, 4 drams capacity, metal barrel and metal plunger, with 3 needles, 1 trocar and stopcock, in metal case.....	4.25



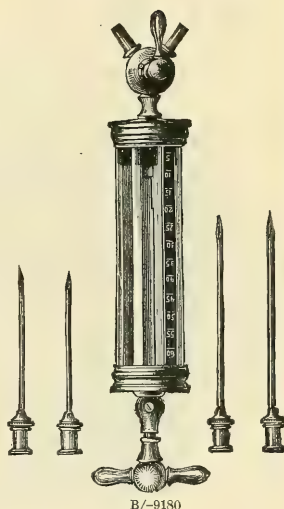
B/-9170



B/-9174



B/-9177

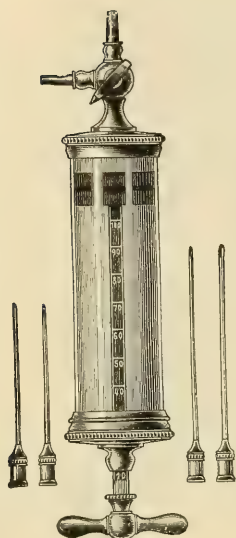


B/-9180

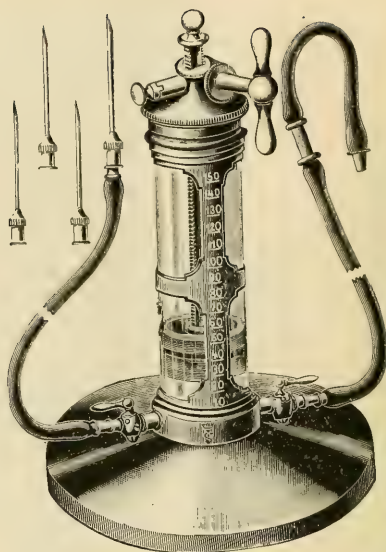
### Aspirators

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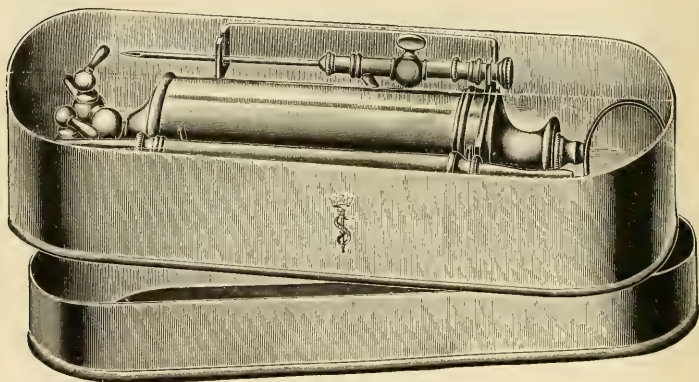
	Each
B/-9170 Collin's Modification of Dieulafoy's Aspirator, 150 ccm. capacity, on horizontal metal base, with 4 needles and 4 trocars, in case.....	\$35.00
B/-9174 Dieulafoy's Aspirator, 3 ccm., with 2 needles, in metal case.....	4.00
B/-9177 Dieulafoy's Aspirator, 8 ccm., with 2 needles, in leather case.....	5.50
B/-9180 Dieulafoy's Aspirator, 60 ccm., with 4 needles, in leather case.....	12.00



B/-9190



B/-9195



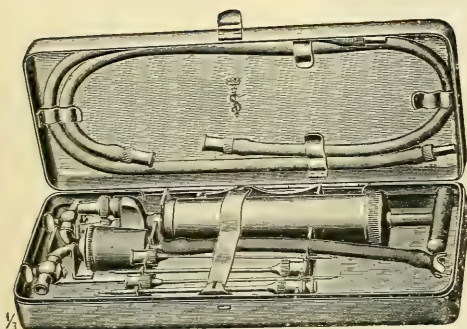
B/-9183-87

### Aspirators

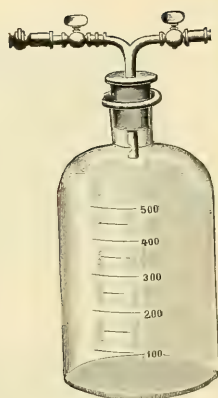
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	Each
B/-9183 Dieulafoy's Aspirator, 50 cm., metal barrel and metal piston, 2 needles, two-way stopcock and Potain's trocar, in metal case.....	\$ 16.00
B/-9187 Dieulafoy's Aspirator, 100 cm., same as above.....	17.50
B/-9190 Dieulafoy's Aspirator, 100 cm., glass barrel, leather packing, 4 needles, in leather case.....	13.50
B/-9195 Dieulafoy's Aspirator, 150 cm., on metal base, 4 needles and 4 trocars, in leather case.....	33.00

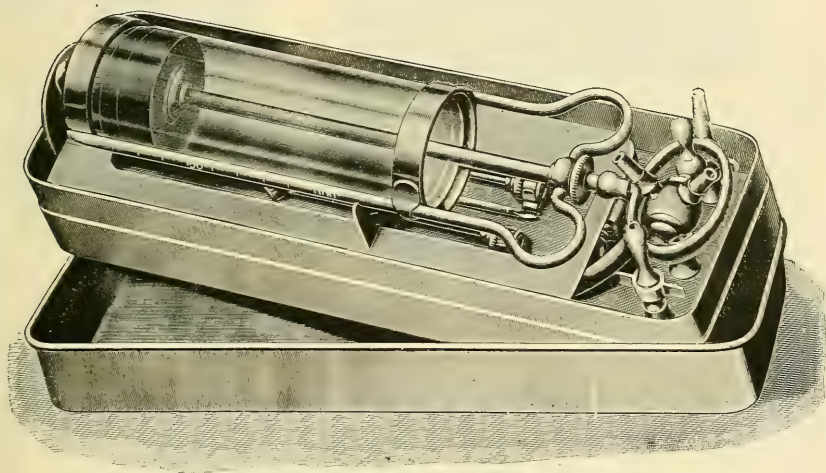




B -9210



B -9213

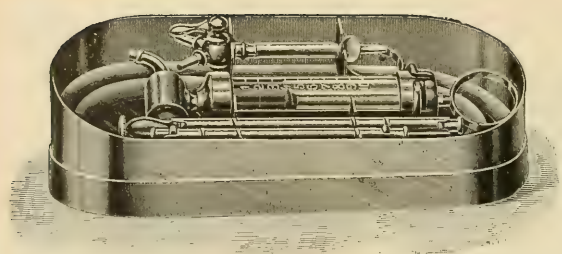


B/-9225

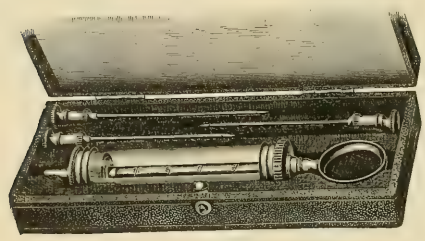
## Aspirators

(Continued)

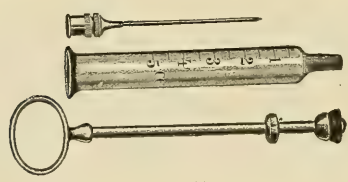
	Each
B/-9210 Potain's Aspirator, 60 ccm., metal barrel and metal piston, 3 needles, 1 trocar, stopcock and tubing, in metal case .....	\$ 7.50
B/-9213 Potain's Bottle, only, for above, 500 ccm., ground-glass stopper .....	1.00
B/-9225 "Record" Aspirator, 100 ccm., 2 needles, trocar, 2 syringe tips, tubing and connections, in metal case .....	25.00



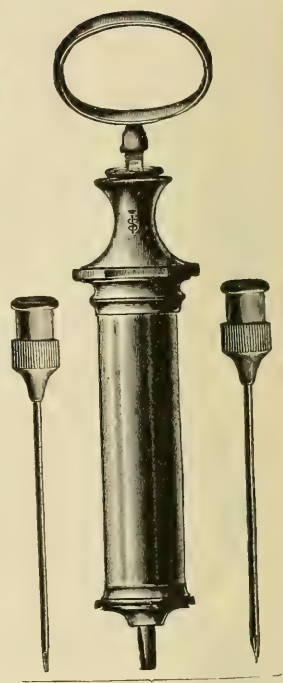
B/-9235



B/-9244



B/-9263-65



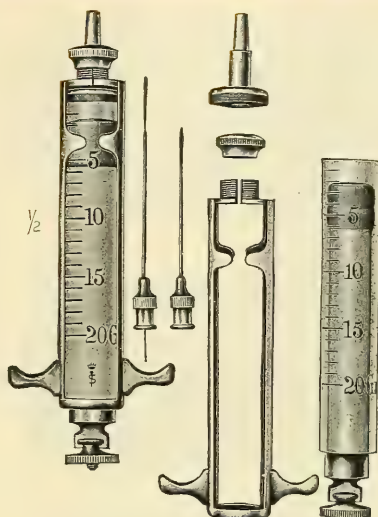
B/-9251-55

# **Aspirators** (Continued)

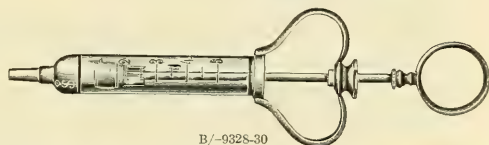
	Each		Each
B/-9235 "Record" Universal Aspirator, 10 ccm., 4 needles, two-way stop-cock, valve head, tubing and connections, in metal case.....	\$13.50	B/-9253 Schimmelbusch's Aspirator, 20 ccm., all metal, with 2 needles, in metal case.....	\$ 4.50
B/-9244 Schede's Aspirator, 10 ccm., with 3 trocars, in leather case.....	3.75	B/-9254 Schimmelbusch's Aspirator, 40 ccm., all metal, with 2 needles, in metal case.....	8.00
B/-9251 Schimmelbusch's Aspirator, 5 ccm., all metal, with 2 needles, in metal case.....	3.00	B/-9255 Schimmelbusch's Aspirator, 100 ccm., all metal, with 2 needles, in metal case.....	18.00
B/-9252 Schimmelbusch's Aspirator, 10 ccm., all metal, with 2 needles, in metal case.....	3.50	B/-9263 Simplex Aspirator, 5 ccm., rubber piston, with 2 needles, in metal case.....	2.50
		B/-9264 Simplex Aspirator, 10 ccm., rubber piston, with 2 needles, in metal case.....	3.00
		B/-9265 Simplex Aspirator, 20 ccm., rubber piston, with 2 needles, in metal case.....	4.00



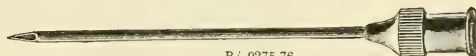
B/-9296-9301



B/-9320-22



B/-9328-30



B/-9275-76



B/-9280-S1

### Aspirators

(Continued)

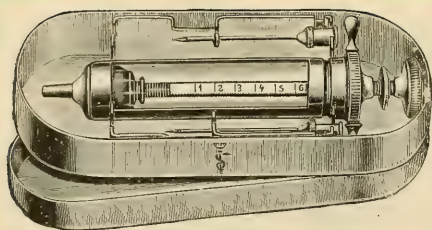
		Each
B/-9275	Aspirator Needles, to slip, assorted lengths and gauges	\$ .35
B/-9276	Aspirator Needles, to screw, assorted lengths and gauges	.35
B/-9280	Aspirator Trocars, to slip, for Potain's aspirators	.50
B/-9281	Aspirator Trocars, to screw, for Pocket aspirators	.50

### Anatomical Syringes

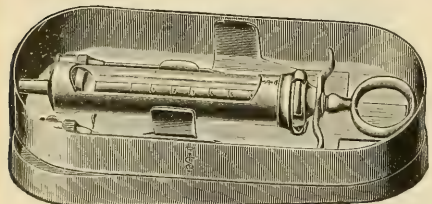
B/-9296	Injection Syringe, 50 cc., all metal, with 3 canulae and stopcock	5.00
B/-9297	Injection Syringe, 100 cc., all metal, with 3 canulae and stopcock	6.00
B/-9298	Injection Syringe, 150 cc., all metal, with 3 canulae and stopcock	7.50
B/-9299	Injection Syringe, 200 cc., all metal, with 3 canulae and stopcock	8.00
B/-9300	Injection Syringe, 250 cc., all metal, with 3 canulae and stopcock	9.00
B/-9301	Injection Syringe, 500 cc., all metal, with 3 canulae and stopcock	15.00

### Antitoxine Syringes

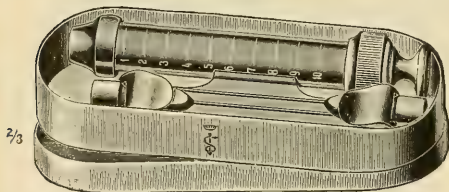
B/-9320	Serum Syringe, 5 cc., aseptic separable pattern, with glass barrel and expanding rubber plunger, with 2 needles, in hardwood case	3.75
B/-9321	Serum Syringe, 10 cc., same as above	4.50
B/-9322	Serum Syringe, 20 cc., same as above	5.75
B/-9328	Carleton's Syringe, 5 cc., with expanding soft rubber plunger, without needles	4.00
B/-9329	Carleton's Syringe, 10 cc., same as above	5.00
B/-9330	Carleton's Syringe, 20 cc., same as above	5.75



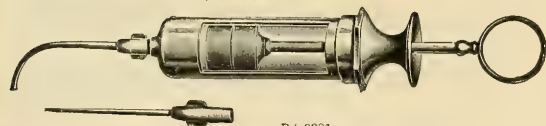
B/-9340-42



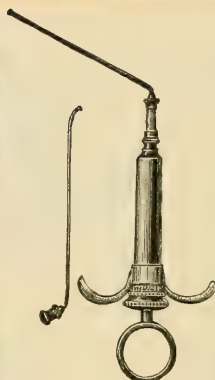
B/-9347-49



B/-9353-55



B/-9381



B/-9365



B/-9370

## Antitoxine Syringes

(Continued)

		Each
B/-9340	<b>Roux's Syringe, 5 cc., with expanding soft rubber plunger, and 2 needles, in metal case . . . . .</b>	<b>\$ 3.00</b>
B/-9341	<b>Roux's Syringe, 10 cc., same as above . . . . .</b>	<b>3.50</b>
B/-9342	<b>Roux's Syringe, 20 cc., same as above . . . . .</b>	<b>4.00</b>
B/-9347	<b>Scheko's Syringe, 5 cc., with expanding soft rubber plunger, ring handle and 2 needles, in metal case . . . . .</b>	<b>3.50</b>
B/-9348	<b>Scheko's Syringe, 10 cc., same as above . . . . .</b>	<b>4.00</b>
B/-9349	<b>Scheko's Syringe, 20 cc., same as above . . . . .</b>	<b>4.50</b>
B/-9353	<b>Walcher's Syringe, 5 cc., with glass barrel and metal plunger and 2 needle, in metal case . . . . .</b>	<b>5.50</b>
B/-9354	<b>Walcher's Syringe, 10 cc., same as above . . . . .</b>	<b>6.75</b>
B/-9355	<b>Walcher's Syringe, 20 cc., same as above . . . . .</b>	<b>7.00</b>

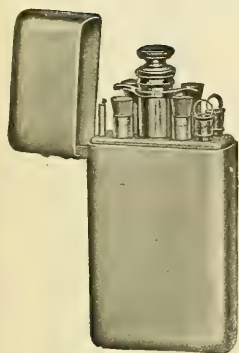
## Aural Syringes

B/-9365	<b>Blake's Ear Syringe, with 2 inner-ear canulae, in case . . . . .</b>	<b>2.75</b>
B/-9370	<b>Hartmann's Syringe, hard rubber mounted, with 3 tips . . . . .</b>	<b>3.00</b>

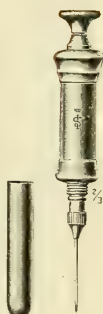
## Dental Syringes

B/-9381	<b>"Record" Dental Water Syringe, with 2 tips . . . . .</b>	<b>4.75</b>
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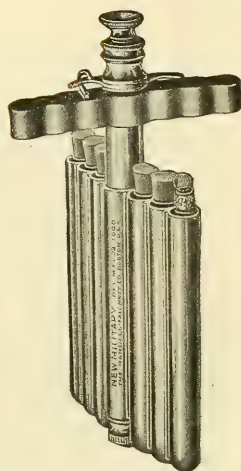
B/-9400-03



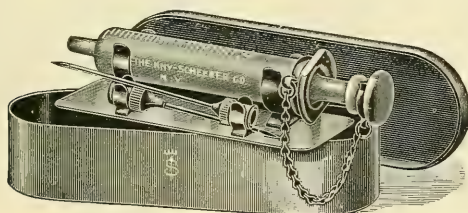
B/-9406



B/-9408



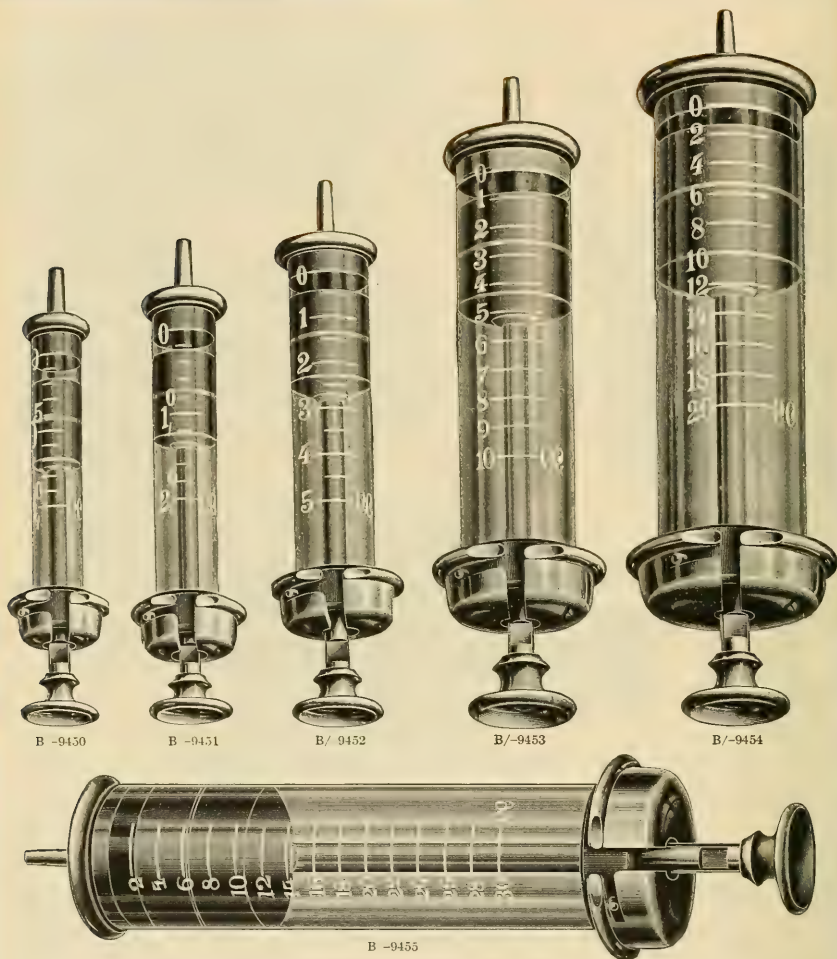
B/-9435



B/-9423-27

### Hypodermatic Syringes

	Each
B/-9400 Hypodermatic Syringe, glass barrel, leather packing, with 2 needles and 4 vials, in aluminum case . . . . .	\$ 1.50
B/-9403 Hypodermatic Syringe, metal barrel, metal plunger, with 2 needles and 4 vials, in aluminum case . . . . .	1.50
B/-9406 Hypodermatic Syringe, all metal, with shield protecting needle, can be carried in pocket . . . . .	1.50
B/-9408 Hypodermatic Syringe, all metal, suitable for pocket cases . . . . .	1.50
B/-9423 "Excelsior" Syringe, 1 cc., all glass, with 2 needles, in metal case . . . . .	1.75
Syringe only . . . . .	1.00
B/-9424 "Excelsior" Syringe, 2 cc., same as above . . . . .	2.25
Syringe only . . . . .	1.25
B/-9425 "Excelsior" Syringe, 5 cc., same as above . . . . .	3.50
Syringe only . . . . .	2.00
B/-9426 "Excelsior" Syringe, 10 cc., same as above . . . . .	4.50
Syringe only . . . . .	3.00
B/-9427 "Excelsior" Syringe, 20 cc., same as above . . . . .	5.50
Syringe only . . . . .	4.00
B/-9435 "Military" Syringe, all metal, with 2 needles and 5 vials, in metal case . . . . .	3.50

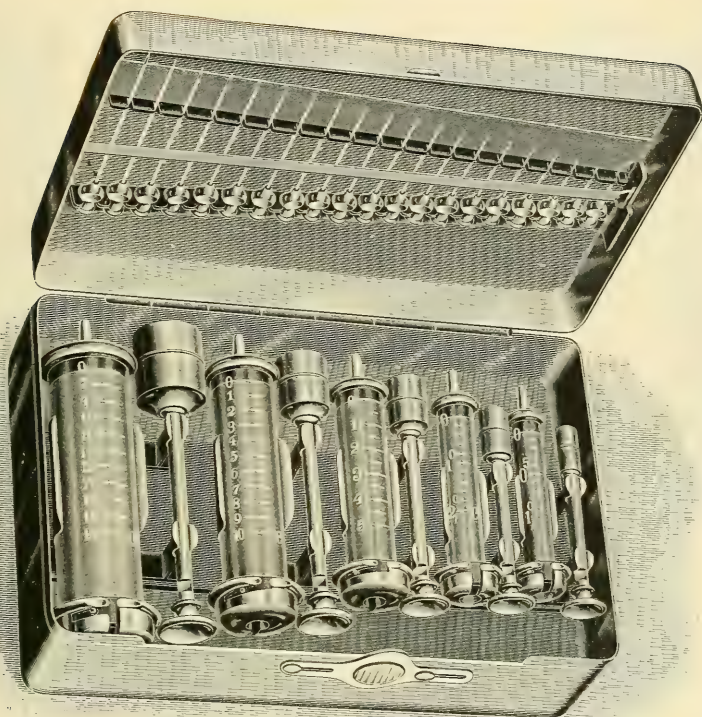


## Hypodermatic Syringes

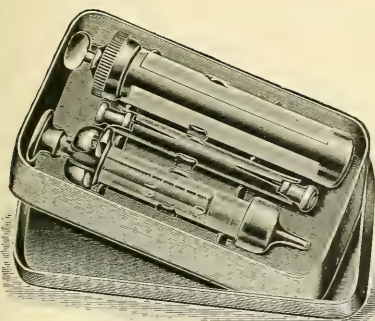
(Continued)

	Each	Each
B/-9450 "Record" Syringe, 1 cc., with 2 steel needles, in metal case.....	\$ 2.60	Syringe only \$ 2.00
B/-9451 "Record" Syringe, 2 cc., with 2 steel needles, in metal case.....	3.20	Syringe only 2.50
B/-9452 "Record" Syringe, 5 cc., with 2 steel needles, in metal case.....	4.50	Syringe only 3.35
B/-9453 "Record" Syringe, 10 cc., with 2 steel needles, in metal case.....	5.50	Syringe only 4.25
B/-9454 "Record" Syringe, 20 cc., with 2 steel needles, in metal case.....	7.00	Syringe only 4.75
B/-9455 "Record" Syringe, 30 cc., with 2 steel needles, in wood case.....	7.50	Syringe only 6.50

Illustrations of syringes are actual sizes.



B/-9465



B 9460

## Hypodermatic Syringes

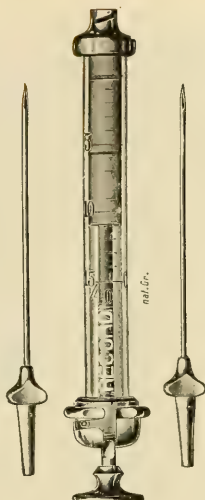
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- |   |                 |
|---|-----------------|
| B/-9460 "Record" Syringe, 1 cc., with<br>2 needles and 1 bottle, in metal case.   | Each<br>\$ 4.25 |
| B/-9465 "Record" Syringe, set of 5,<br>consisting of 1 each of 1 cc., 2 cc.,<br>5 cc., 10 cc., and 20 cc., syringes and<br>20 needles, in metal case. | 25.00           |





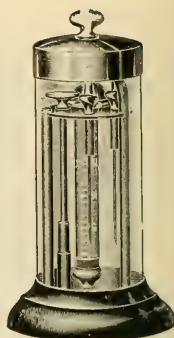
B/-9471



B/-9480



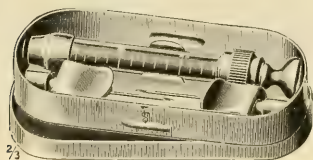
B/-9501



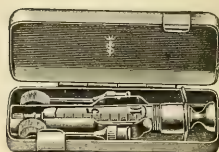
B/-9507-09



B/-9485-86



B/-9495



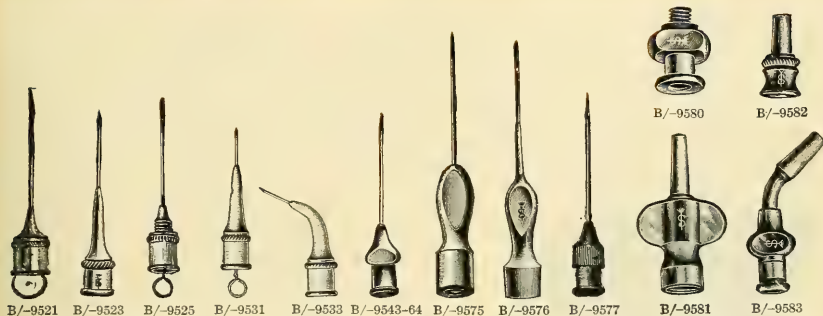
B/-9496

## Hypodermatic Syringes

(Continued)

	Each
B/-9471 "Record" Barthelémy's Syringe, $\frac{1}{4}$ cc., divided in 15 parts for mercurial oil injections, with one platinum-iridium needle, in metal case.....	\$ 6.75
B/-9480 "Record" Ziegler's Syringe, 15/40 cc., for mercurial oil injection, with 2 needles, in metal case..	5.00
B/-9485 Schimmelbusch's Syringe, 1 cc., all metal, with 2 needles, in metal case.....	1.50
B/-9486 Schimmelbusch's Syringe, 2 cc., same as above.....	1.75
B/-9495 Walcher's Syringe, 1 cc., original pattern, glass barrel and metal plunger, with 2 needles, in metal case.....	1.75
B/-9496 Walcher's Syringe, 1 cc., improved pattern, glass barrel and metal plunger, with 2 needles, in metal case.....	2.00
B/-9501 Arnold's Immersion Bottle, for sterilizing syringes and needles.....	1.00
B/-9507 Aseptic Holder, for "Record" Syringes, 1 cc.....	1.25
B/-9508 Aseptic Holder, for "Record" Syringes, 2 or 5 cc.....	1.50
B/-9509 Aseptic Holder, for "Record" Syringes, 10 cc.....	2.00





### Hypodermatic Needles

		Dozen
B/-9521	Hypodermatic Needles, regular, with universal thread.....	\$ .75
B/-9523	Hypodermatic Needles, reinforced with universal thread.....	1.25
B/-9525	Hypodermatic Needles, for metal case syringes.....	1.50
B/-9528	Hypodermatic Needles, platinum-iridium.....	Price upon application
B/-9531	Hypodermatic Needles, dental, straight.....	1.25
B/-9533	Hypodermatic Needles, dental, angular.....	2.00
B/-9543	Hypodermatic Needles, "Excelsior," slip fitting (7 sizes).....	1.50
	Gauge.....	26 26 25 25 24 23 22
	Length of Canula, inches.....	$\frac{5}{8}$ $\frac{3}{4}$ $\frac{3}{4}$ $\frac{7}{8}$ $\frac{7}{8}$ $\frac{7}{8}$ $\frac{7}{8}$
B/-9544	Hypodermatic Needles, "Excelsior," slip fitting (6 sizes).....	2.25
	Gauge.....	23 22 21 20 19 18
	Length of Canula, inches.....	1 1 $1\frac{1}{4}$ $1\frac{3}{8}$ $1\frac{5}{8}$ $1\frac{3}{4}$
B/-9545	Hypodermatic Needles, "Excelsior," slip fitting (5 sizes).....	3.00
	Gauge.....	19 17 16 16 16
	Length of Canula, inches.....	2 2 2 $2\frac{1}{2}$ 3
B/-9561	Hypodermatic Needles, "Record," slip fitting (5 sizes).....	1.50
	Gauge.....	26 25 24 23 22
	Length of Canula, inches.....	$\frac{3}{4}$ $\frac{3}{4}$ $\frac{7}{8}$ $\frac{7}{8}$ $\frac{7}{8}$
B/-9562	Hypodermatic Needles, "Record," slip fitting (4 sizes).....	2.25
	Gauge.....	22 21 20 19
	Length of Canula, inches.....	$1\frac{1}{8}$ $1\frac{1}{16}$ $1\frac{1}{4}$ $1\frac{3}{8}$
B/-9563	Hypodermatic Needles, "Record," slip fitting (9 sizes).....	3.00
	Gauge.....	20 17 16 18 16 14 18 16 14
	Length of Canula, inches.....	2 2 2 $2\frac{1}{2}$ $2\frac{1}{2}$ $2\frac{1}{2}$ 3 3 3
B/-9564	Hypodermatic Needles, "Record," slip fitting (2 sizes), 14 and 16 gauges, $1\frac{1}{2}$ inches long....	3.00
B/-9575	Hypodermatic Needles, Walcher's original.....	2.25
B/-9576	Hypodermatic Needles, Walcher's original, reinforced.....	3.00
B/-9577	Hypodermatic Needles, Walcher's improved.....	1.50

### Needle Adapters

		Each
B/-9580	Needle Adapter, for "Record" syringe, to accommodate universal thread needles.....	\$ .25
B/-9581	Needle Adapter, for Ehrlich-Hata's syringe, to accommodate "Record" needles.....	.50
B/-9582	Needle Adapter, for universal thread syringe to accommodate "Record" needles.....	.25
B/-9583	Needle Adapter, angular, for "Record" syringe, to accommodate "Record" needles.....	.25

## Ariston Ampoules

Sterilized Solutions for Hypodermatic, Intravenous Spinal  
Anaesthesia Injections



Fig. 1



Fig. 2



Fig. 3

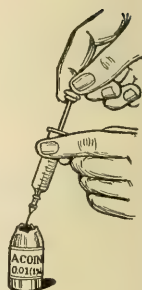


Fig. 4

B/-9585

THE physiological action of drugs is quickly obtained by the hypodermatic and intravenous injection of fluids, for, when injected in sterile solution the active principles are rapidly absorbed, and the action is in many cases more reliable than when the drugs are introduced into the stomach. For these reasons hypodermatic and intravenous injections are adopted in emergencies, where it is of the highest importance that the drugs should be pure, reliable, of high accuracy of dosage, and ready for immediate use.

Every physician knows that in practice the method of preparing Hypodermatic Solutions from compressed tablets dissolved in ordinary water and in vessels not previously sterilized is imperfect, unscientific and not in keeping with the conscientious methods of all branches of surgery of guarding against infection. The Ariston Ampoules of sterile fluids, put up in small glass vials, with stem sealed at the tip, possess all the requisite qualities for hypodermatic and intravenous injection in a handy and practical form, ready for instant use.

The efficiency of many drugs becomes impaired if subjected to sterilization at the temperature of boiling water, some of them decomposing and thus becoming worse than useless. It can thus be seen that sterilization is not a uniform process, but must be

adapted to the physico-chemical properties of each preparation. As manufacturers we have given this careful study and base our laboratory methods upon an intimate knowledge gained in the manufacture of pharmaceutical preparations. We have placed the Ariston Ampoules upon the market, with the positive statement that they may be relied upon implicitly, both as to sterility, accuracy of dosage and stability. The solutions are practically neutral in reaction and do not coagulate albumenoids; they may be used, therefore, without fear of producing emboli. They possess many advantages over those which for their disintegration depend upon the mechanical assistance of a pestle and mortar, whilst the enormously increased demand shows that a really sterile injection fluid is appreciated by the profession.

The Ariston Ampoules are put up in boxes containing one dozen each (Fig. 1). Each vial contains one cubic centimeter of solution (Fig. 2). The fluid should be shaken out of the stem into the bulbous portion before breaking; if any remain, draw it into the syringe before removing the contents of the bulb. After withdrawing the contents of the bulb, take the precaution to raise the syringe point upwards and expel the last trace of air bubbles. When ready to make an injection, grasp the body of the glass vial firmly in

one hand and break off the capillary stem at the neck of the vial. Use a small piece of gauze or cotton when taking hold of and breaking off the stem, and thus avoid possible injury by glass fragments (Fig. 3). The hypodermatic needle of the syringe, after having been sterilized, can then be thrust into the opening and the solution be withdrawn, as from any other bottle (Fig. 4).

It is well known that in point of construction the great majority of injection syringes are not suitable for carrying out the principles of asepsis. Either they cannot be rendered sterile by boiling, on account of their leather pistons, or are too complicated to be readily taken apart for cleaning and put together again. We recommend, therefore, strictly aseptic hypodermatic syringes, which may be boiled and which are made entirely of glass or metal.

### Intravenous Introduction of Medicinal Substances

The intravenous injection of medicinal substances, which was formerly practised to a considerable extent, passed into disuse, as a practice, on account of the fear that an embolism and subsequent general sepsia might possibly be induced thereby. The subject has been recently revived and intravenous injections have again been advocated by various writers. Veins have been injected at the same point more than fifty times, with not more than the slightest unfavorable reaction. The danger of air embolism has been greatly exaggerated and can be easily avoided.

The same is true in regard to septic infection, which need not be feared, for the operation is so simple that it is a very easy matter to conduct it with absolutely aseptic precautions. The selection of medicinal substances for injection is a matter of the greatest importance. They must not be susceptible of coagulation and must have no harmful influence upon the physiological activity of the endothelium of the injected vessel. If the medicinal substance will answer this test intravenous injection will be without danger, and will have the following advantages over treatment by hypodermatic injections: (1) It is painless; (2) It does not lead to the formation of nodes and abscesses; (3) it admits of maximum dosage; (4) it is effective in the highest degree.

The injected substances course through the blood vessels to the viscera whose function is disturbed or in which there are pathological conditions, and so accomplishes its specific work. A similar procedure is carried out in diseases of a constitutional nature, the foreign substance circulating through the entire organism, and being eagerly appropriated by those cells between which and itself there exists an affinity, and with which it can enter, more or less completely, into chemical combination.

Valuable as is the experience which has been acquired in all directions in regard to the usefulness of intravenous medication, it is of special value in its relation to the treatment of infectious diseases.

### Local Anaesthesia

In local anaesthesia the most desirable effects are those which are produced by the use of considerable quantities of very dilute solutions, whatever the substance used.

Interstitial absorption of the injected solutions must be guarded against with the utmost possible care, and this can be affected mechanically by cutting off the circulation from the field of operation. In infiltration anaesthesia it is always desirable, as a rule, to avoid concentrated solution. Minor surgery is the most favorable field for local anaesthesia, but major operations are also suitable for its employment. For example, it may be used successfully in tracheotomy, resection of ribs, and even in herniotomy. The fundamental condition for success in local anaesthesia consists in an intelligent and skillful technique, and too great consideration cannot be given to this feature of the procedure.

### Spinal Anaesthesia

There were various objections to the old methods of inducing spinal anaesthesia by means of cocaine, and in addition it was not devoid of danger, so that for a time it was not expected that it would be generally adopted for this purpose.

Improvements in this form of anaesthesia have in recent times been made, however, in two directions which are as follows:

1. The dangers of the method have been very decidedly curtailed by the introduction of the various preparations of the suprarenal capsule.

2. By the introduction of preparations like Stovain, Eucaïn, Tropacocain, Novocaine and others, anaesthetics have been made available which are less poisonous than Cocain, and when they are combined with Adrenalin become an effective anaesthetic for a great variety of operations, but especially for those in which the abdominal cavity is entered.

Spinal anaesthesia is best tolerated by those who are aged and feeble. Its bad after-effect and contra-indications under the conditions mentioned of the new method of administration have been practically eliminated.

Below we give a list of injection solutions which we always carry in stock, but as all the important substances required for hypodermatic medication may be obtained in this form, we shall be pleased to make any particular combination of strength, provided a sufficient number of ampoules are ordered.

They are for sale by all physicians' supply houses and druggists.

## (Continued)

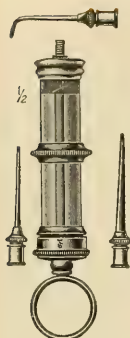
## GENERAL OPERATING INSTRUMENTS



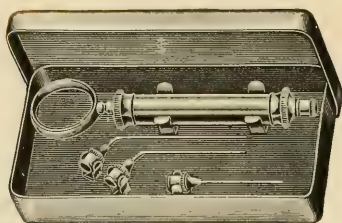
# Ariston Ampoules

(Continued)

	Mercury Bichloride 0.01 (1 per cent.)	.....	\$ .75	263	Quinine Bihydrochloride-Carbamide 0.50 (50 per cent.)	per dozen vials	.....	\$ 1.30	
	Mercury Biniodide 0.02 (2 per cent.)	per dozen vials	.....	.80	271	Quinine Dihydrochloride 0.20 (10 per cent.)	per dozen vials	.....	.90
154	Mercury Cacodylate 0.01 (1 per cent.)	per dozen vials	.....	1.00	271	Quinine Dihydrochloride 0.30 (20 per cent.)	per dozen vials	.....	1.00
155	Mercury Cacodylate 0.02 (2 per cent.)	per dozen vials	.....	1.00	272	Quinine Dihydrochloride 0.30 (30 per cent.)	per dozen vials	.....	1.10
	For use in cases of syphilis. Literature.—Revue de Therapie 1903, page 563, and Julien Berlioz; Nouveaux Remedies 1903, page 223.			273	Quinine Dihydrochloride 0.50 (50 per cent.)	per dozen vials	.....	1.30	
164	Mercury Cyanide 0.01 (1 per cent.)	per dozen vials	.....	1.00	280	Schleich's Solution I, ready for use in vials of 1 cc.	per dozen vials	.....	1.20
	This substance is recommended by Bonzitas and Daicer in the form of intravenous injections for the treatment of syphilis.			281	Schleich's Solution II, ready for use in vials of 1 cc.	per dozen vials	.....	1.20	
	One cubic centimeter of a one per cent. solution should be injected at the elbow every second day.			282	Schleich's Solution III, ready for use in vials of 1 cc.	per dozen vials	.....	1.20	
	In bad cases the injections may be made daily, but the treatment must be interrupted for a sufficiently long time if it should result in diarrhoea or salivation.			283	Serum Antineurasthenic (Strychnia Cacodylate) 0.0005 (½ of 1 per mille).	Sodium Glycerinophosphate 0.01 (10 per cent.)	per dozen vials	.....	.75
	This form of treatment seems to be especially indicated in cases of tertiary syphilis.			300	Sodium-Arseno-Methylate (Arrhenal) 0.05 (5 per cent.)	per dozen vials	.....	1.00	
	Literature.—Wiener Medizinische Zeitung, 1903, No. 43. British Medical Journal, 1903, No. 2192, page 4.			309	Sodium Chloride 0.01 (1 per cent.)	per dozen vials	.....	.75	
167	Mercury Iodo-Cacodylate 0.03 (3 per cent.)	per dozen vials	.....	1.00	310	Sodium Chloride 0.02 (2 per cent.)	per dozen vials	.....	.75
168	Mercury Oxyacynate (1 per cent.) aqueous solution with Acotin for a painless subcutaneous injection	per dozen vials	.....	1.20	311	Sodium Chloride 0.04 (4 per cent.)	per dozen vials	.....	.75
172	Mercury Salicylate Basic, an aqueous solution of 0.01 (1 per cent.)	per dozen vials	.....	1.00	320	Sodium Cacodylate 0.05 (5 per cent.)	per dozen vials	.....	1.20
190	Morphine Muriate 0.005 (½ of 1 per cent.)	per dozen vials	.....	.80	322	Sodium Cacodylate 0.10 (10 per cent.)	per dozen vials	.....	1.20
191	Morphine Muriate 0.01 (1 per cent.)	per dozen vials	.....	.80		This arsenic preparation is of great therapeutic value. It may be given in relatively large doses and compared with other arsenic preparations may be considered as non-toxic. Cacodylate of Sodium is a tonic, increases the appetite and improves the general condition of the patient. It causes no intestinal disturbances. Used in chlorosis, anaemia, leucæmia, malaria, diabetes, Basedow's disease, tuberculosis, psoriasis vulgaris and lichen ruber planus.			
192	Morphine Muriate 0.015 (1½ per cent.)	per dozen vials	.....	.85	323	Sodium Glycerinophosphate 0.05 (5 per cent.)	per dozen vials	.....	.75
193	Morphine Muriate 0.02 (2 per cent.)	per dozen vials	.....	.85	324	Sodium Glycerinophosphate 0.1 (10 per cent.)	per dozen vials	.....	.75
194	Morphine Muriate 0.03 (3 per cent.)	per dozen vials	.....	.90	330	Sodium Salicylate 0.05 (5 per cent.)	per dozen vials	.....	.90
195	Morphine Muriate 0.04 (4 per cent.)	per dozen vials	.....	.90	331	Sparteine Sulphate 0.05 (5 per cent.)	per dozen vials	.....	.75
196	Morphine Muriate (1 per cent.) with Atropia Sulphate 0.00025 (¼ of 1 per mille.)	per dozen vials	.....	.80	340	Stovain 0.01 (1 per cent.)	per dozen vials	.....	1.20
200	Morphine Muriate ¼ grain and Atropia Sulphate 1-200 grain	per dozen vials	.....	.80	341	Stovain 0.02 (2 per cent.)	per dozen vials	.....	1.20
201	Morphine Muriate ¼ grain and Atropia Sulphate 1-120 grain	per dozen vials	.....	.80	342	Stovain 0.04 (4 per cent.)	per dozen vials	.....	1.20
202	Morphine Muriate 0.01 with Scopolamine Hydrobromide 0.0003 (3-10 of 1 per mille.)	per dozen vials	.....	1.20		A new local anæsthetic (Alpha-Amylen-Chlorhydrate) recommended by de Lapersonne as being but one-third as toxic as cocaine.			
203	Novocaine 0.01 (1 per cent.)	per dozen vials	.....	.75	344	Stovain 0.04 (4 per cent.)	in 2 cc. vials	per dozen vials	2.00
204	Novocaine 0.02 (2 per cent.)	per dozen vials	.....	.85		Stovain 0.04 Adrenalin Borat 0.00013 Chlor. of Sodium 0.0011			
210	Nitroglycerin 1-100 grain	per dozen vials	.....	.80	345	Strophantin 0.0001 (1-10 of 1 per mille.)	per dozen vials	.....	.80
220	Oleum Cinereum (50 per cent.)	per dozen vials	.....	1.00	346	Strophantin 0.00025 (¼ of 1 mille.)	per dozen vials	.....	.80
225	Oleum Iodoform (4 per cent.)	per dozen vials	.....	1.00	365	Strychnia Nitrate 0.001 (1-10 of 1 per cent.)	per dozen vials	.....	.80
226	Oleum Iodoform (5 per cent.)	per dozen vials	.....	1.00	366	Strychnia Nitrate 0.002 (1-5 of 1 per cent.)	per dozen vials	.....	.80
227	Oleum Iodoform 10 per cent. (with camphor)	per dozen vials	.....	1.10	367	Strychnia Nitrate 0.004 (2-5 of 1 per cent.)	1-15 grains	per dozen vials	.80
236	Pilocarpine Muriate 0.01 (1 per cent.)	per dozen vials	.....	1.20	390	Thiosinamine 0.10 (10 per cent.)	per dozen vials	.....	1.20
237	Pilocarpine Muriate 0.02 (2 per cent.)	per dozen vials	.....	1.20	395	Tropacocain 0.075 (7½ per cent.)	in 2 cc. vials	per dozen vials	2.50
	This substance may be administered for dropsy, coryza, laryngitis, bronchitis, the dyspnoea of asthma, uræmic convulsions, rheumatism, obesity, scarlatina, diabetes and syphilis. It may be used to hasten the absorption of watery exudates, to bring about abortion, and as an antidote in atropin poisoning. Administered subcutaneous; the dosage for adults should be from 0.01 gramme upward. For children under two years the dose may be 0.002 gramme, for infants 0.001 gramme.					Tropacocain 0.075 Adrenalin Borate 0.00019 Aqua dest. 1 5			
250	Quinine Cacodylate 0.05 (5 per cent.)	per dozen vials	.....	1.20	396	Tropacocain 0.05 (5 per cent.)	per dozen vials	.....	2.25
259	Quinine Dihydrobromide 0.10 (10 per cent.)	per dozen vials	.....	1.20		In 9 per cent. Saline Solution.			
260	Quinine Bihydrochloride-Carbamide 0.10 (10 per cent.)	per dozen vials	.....	.90		Muenchener Mediz. Wochenschrift, No. 43, 1906.			
261	Quinine Bihydrochloride-Carbamide 0.20 (20 per cent.)	per dozen vials	.....	1.00	400	Yohimbine Hydrochloride 0.01 (1 per cent.)	per dozen vials	.....	2.40
262	Quinine Bihydrochloride-Carbamide 0.30 (30 per cent.)	per dozen vials	.....	1.10	401	Yohimbine Hydrochloride 0.02 (2 per cent.)	per dozen vials	.....	3.60
						Against Importentia Coeundi.			



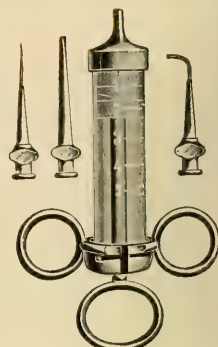
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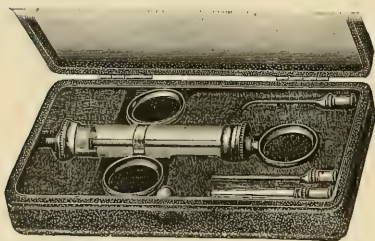
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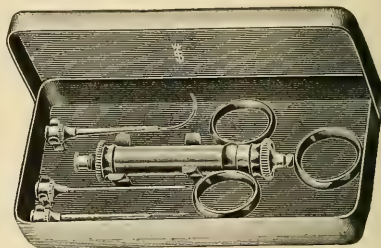
B/-9607



B/-9620



B/-9611



B/-9613

### Lacrimal Syringes

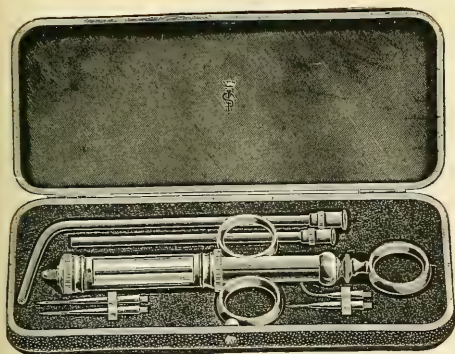
	Each
B/-9595 <b>Anel's</b> Lacrimal Syringe, glass barrel, hard rubber mounted, with 3 hard rubber canulae, in case . . . . .	\$ 2.75
B/-9597 <b>Anel's</b> Lacrimal Syringe, glass barrel, metal mounted, with 3 metal canulae, in case . . . . .	3.00
B/-9599 <b>Anel's</b> Lacrimal Syringe, metal barrel and metal piston, with 3 metal canulae, in metal case . . . . .	3.50
B/-9607 <b>Knapp's</b> Lacrimal Syringe, glass barrel, with 1 gold-plated canula, in case . . . . .	2.00
B/-9611 <b>Luer's</b> Lacrimal Syringe, glass barrel, metal mounted, with 3 metal canulae in case . . . . .	3.50
B/-9613 <b>Luer's</b> Lacrimal Syringe, metal barrel and metal piston, with 3 metal canulae, in metal case . . . . .	4.00
B/-9617 <b>McFarlan's</b> Lacrimal Syringe, glass barrel, metal mounted, with 1 metal canula, in case . . . . .	1.50
B/-9620 "Record" Lacrimal Syringe, 5 cc., with 1 nickel-plated and 2 gold-plated canulae, in metal case . . . . .	6.50
B/-9625 <b>Stevenson's</b> Lacrimal Syringe, glass barrel, asbestos piston and metal mounted, with 3 metal canulae, in case . . . . .	5.00



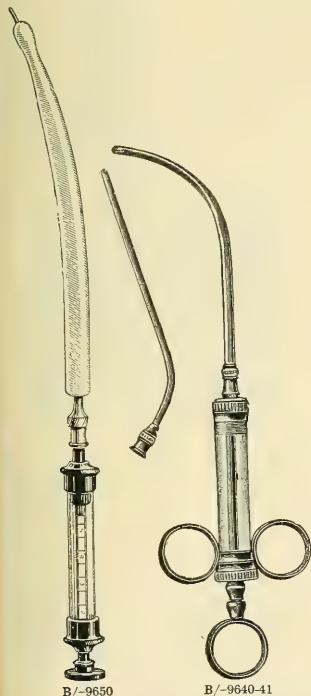
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B/-9625

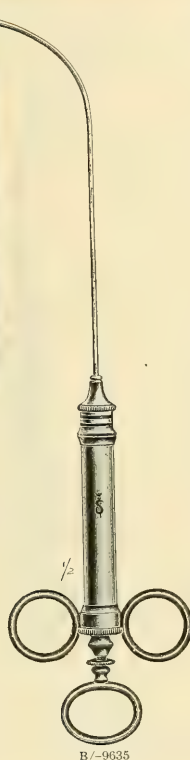


B/-9646



B/-9650

B/-9640-41



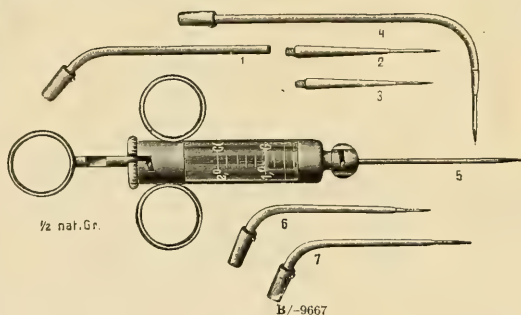
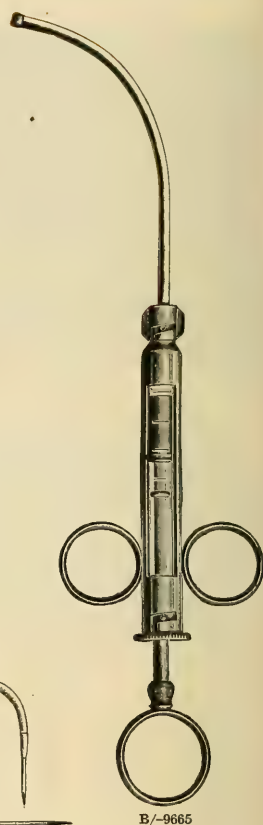
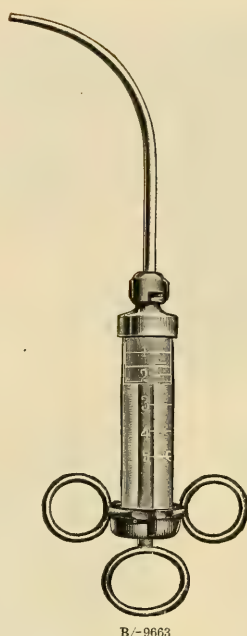
B/-9635



B/-9653

### Laryngeal Syringes

	Each
B/-9635 Cube's Laryngeal Syringe, metal barrel, metal piston and 1 canula, in case . . . . .	\$ 5.00
B/-9640 Fraenkel's Laryngeal Syringe, glass barrel, hard rubber mounted, with 3 hard rubber canulae . . .	1.75
B/-9641 Fraenkel's Laryngeal Syringe, glass barrel, metal mounted, with 2 metal canulae, in case . . . . .	3.00
B/-9646 Heryng's Laryngeal Syringe, glass barrel, metal mounted, with straight and curved attachments, and 4 canulae in case . . . . .	7.00
B/-9650 Lerche's Laryngeal Syringe, for instillation of nitrate of silver solution into the oesophagus, with canula and soft rubber bougie . . . . .	3.50
B/-9653 Mendel's Laryngeal Syringe, glass barrel, metal mounted, with 1 canulae . . . . .	5.50



### Laryngeal Syringes

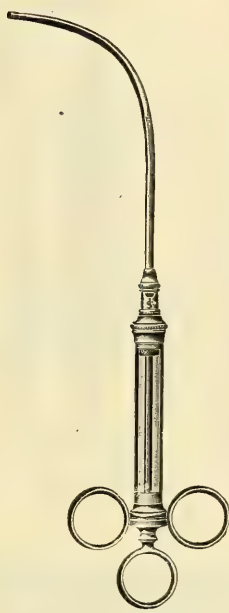
(Continued)

	Each
B/-9657 <b>Muir's</b> Laryngeal Syringe, all metal, with flexible canula.....	\$ 3.50
B/-9663 "Record" Laryngeal Syringe, with 1 canula.....	5.75
B/-9665 "Record" Laryngeal Syringe, with 1 glass-lined metal canula.....	6.50
B/-9667 "Record" <b>Alexander's</b> Laryngeal Syringe, with 7 assorted canulae, in metal case.....	10.50





B/-9670



B/-9673-75



B/-9687



B/-9688



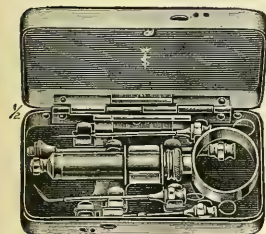
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B/-9690



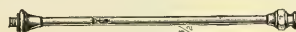
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B/-9678



B/-9685



B/-9694-95

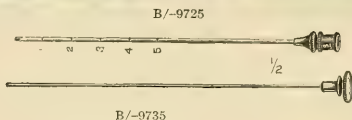
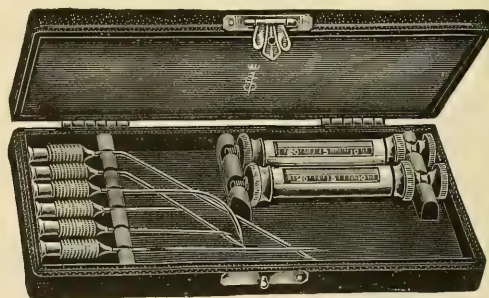
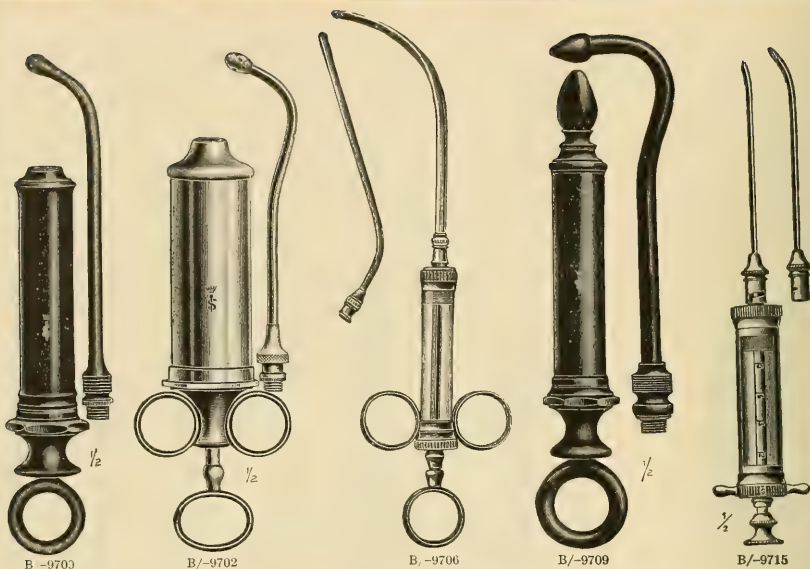
## Laryngeal Syringes

(Continued)

	Each
B/-9670 Street's Tonsil Syringe, with straight and curved needles.....	\$ 2.50
B/-9673 Tobold's Laryngeal Syringe, glass barrel, metal mounted, with 1 canula.....	2.00
B/-9675 Tobold's Laryngeal Syringe, glass barrel, hard rubber mounted, with 1 hard rubber canula.....	1.75
B/-9678 Tonsil Syringe, all metal, with 3 needles and extension piece, in metal case.....	4.00

## Tonsil Injection Canulæ

B/-9685 Horton's Injection Needle, full curved.....	.90
B/-9687 Vail's Injection Needle, straight, with guard.....	1.25
B/-9688 Vail's Injection Needle, short curve.....	.90
B/-9689 Vail's Injection Needle, long curve.....	.90
B/-9690 Vail's Injection Needle, right angular.....	.90
B/-9691 Vail's Injection Needle, double curved.....	.90
B/-9694 Connection Piece, for injecting tonsils, with standard thread.....	.75
B/-9695 Connection Piece, for injecting tonsils, to fit "Record" syringes.....	.75

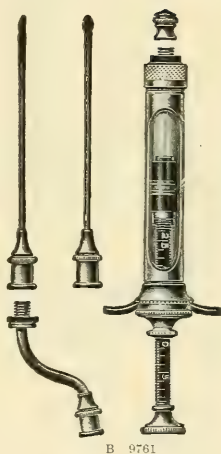
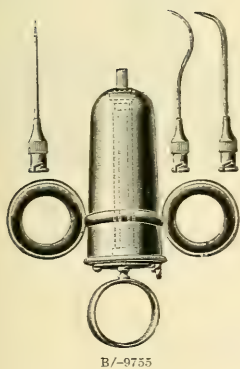
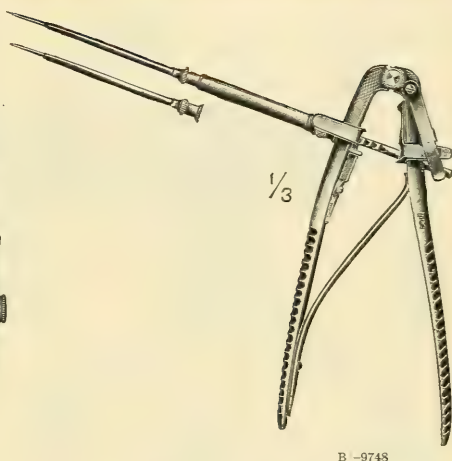
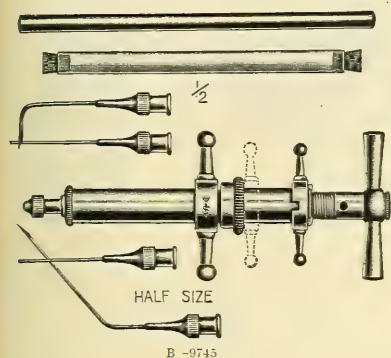


### Nasal Syringes

B/-9700	Plain Post Nasal Syringe, hard rubber.....	Each \$ 1.35
B/-9702	Plain Post Nasal Syringe, all metal, 2 ounces.....	3.25
B/-9706	Fraenkel's Post Nasal Syringe, with 2 canula.....	3.00
B/-9709	Leffert's Post Nasal Syringe, hard rubber.....	1.75
B/-9715	Schmidt's Antrum Syringe, with 2 needles, in case.....	4.00

### Neuralgia Syringes

B/-9725	Schloesser's Set of 2 Syringes and 6 Canula, in case, for injection of alcohol into the trifacial nerve.....	8.25
B/-9730	Haertel's Trifacial Nerve Needle, steel, 4 3/4 inches long.....	.50
B/-9735	Levy and Baudouin's Trifacial Nerve Needle, gold-plated with mandrin.....	2.00

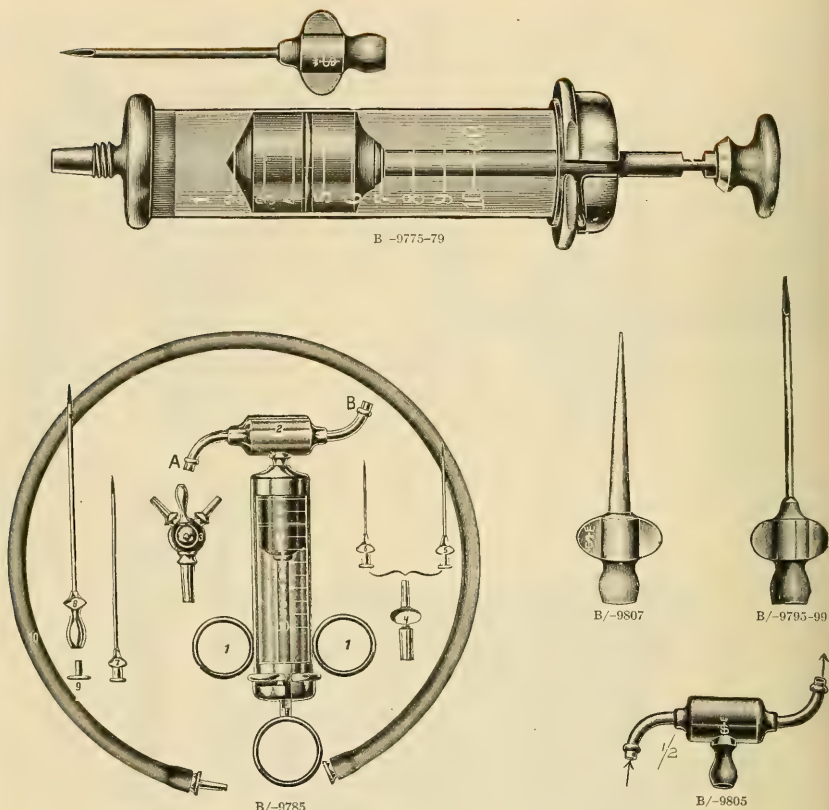


### Paraffin Syringes

	Each
B-9745 <b>Beck's</b> Paraffin Syringe, all metal, with 4 needles and 4 tubes of sterile paraffin. in oak case...	\$12.00
B/-9748 <b>Broeckaert's</b> Paraffin Syringe, for injection of cold paraffin, with 2 needles and 4 tubes of sterile paraffin, in oak case.....	18.00
B/-9755 <b>Sarason's</b> Paraffin Syringe, with 3 needles, in oak case.....	8.50

### Rectal Syringe

B/-9761 <b>Gant's</b> Rectal Syringe, with 2 needles, in leather case.....	3.00
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### Salvarsan Syringes

	Each
B/-9775 Ehrlich-Hata's "Record" Syringe, 10 cc., with heavy steel needle, in metal case.....	\$ 8.25
B/-9777 Ehrlich-Hata's "Record" Syringe, 10 cc., with platinum-iridium needle, 18 B. & S. gauge, in metal case.....	11.00
B/-9778 Ehrlich-Hata's "Record" Syringe, 10 cc., with platinum-iridium needle, 16 B. & S. gauge, in metal case.....	12.00
B/-9779 Ehrlich-Hata's "Record" Syringe, 10 cc., with platinum-iridium needle, 14 B. & S. gauge, in metal case.....	13.50
B/-9785 Universal "Record" Syringe, 10 cc., 4 needles, two-way stopcock, valve head, tubing and connections, in metal case.....	13.50
B/-9795 Ehrlich-Hata's Needle, heavy steel.....	.40
B/-9797 Ehrlich-Hata's Needle, platinum-iridium, 18 B. & S. gauge.....	4.00
B/-9798 Ehrlich-Hata's Needle, platinum-iridium, 16 B. & S. gauge.....	5.00
B/-9799 Ehrlich-Hata's Needle, platinum-iridium, 14 B. & S. gauge.....	6.50
B/-9805 Double Valve Head, for intravenous injection.....	3.50
B/-9807 Harris' Coupler, for connecting ureteral catheters with Ehrlich-Hata's Syringe.....	1.50





B/-9820



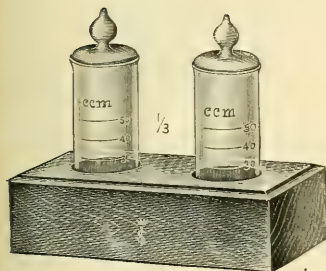
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B/-9825-27



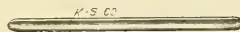
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B/-9840



B/-9858



B -9865



K-S CO  
B/-9872

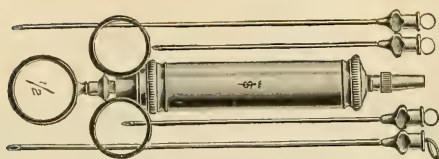


K-S. CO.

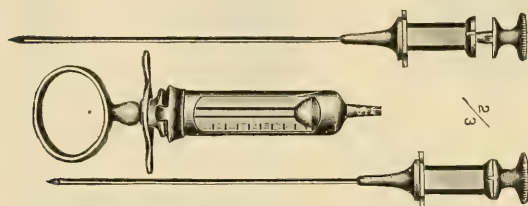
B/-9885

## Apparatus for Injection of Salvarsan

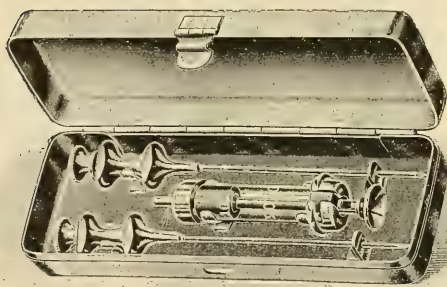
	Each		Each
*B/-9815 Glass Mixing Beads.....dozen	\$ .10	B -9858 Measure, glass stoppered, 5 cc., double graduation	\$ .30
B/-9820 Bottle for Caustic Soda Solution.....	.75	Measure, glass stoppered, 10 cc., double graduation	.35
B -9822 Bottle for Hydrochloric Acid, diluted.....	.75	Measure, glass stoppered, 25 cc., double graduation	.45
B/-9825 Bottle, glass stoppered, 300 cc., plain.....	.30	Measure, glass stoppered, 50 cc., double graduation	.55
B/-9827 Bottle, glass stoppered, 300 cc., graduated.....	.75	Measure, glass stoppered, 75 cc., double graduation	.65
B/-9832 Cylinder, 5 cc., double graduation.....	.25	Measure, glass stoppered, 100 cc., double graduation	.75
Cylinder, 10 cc., double graduation.....	.35	Measure, glass stoppered, 150 cc., double graduation	.90
Cylinder, 25 cc., double graduation.....	.45	Measure, glass stoppered, 250 cc., double graduation	1.00
Cylinder, 50 cc., double graduation.....	.55	Measure, glass stoppered, 300 cc., double graduation	1.20
Cylinder, 75 cc., double graduation.....	.65	Measure, glass stoppered, 500 cc., double graduation	1.50
Cylinder, 100 cc., double graduation.....	.70	Measure, glass stoppered, 1000 cc., double graduation	2.50
Cylinder, 150 cc., double graduation.....	.85	Measure, glass stoppered, 2000 cc., double graduation	3.60
Cylinder, 250 cc., double graduation.....	.95		
Cylinder, 500 cc., double graduation.....	1.25	B -9865 Mixing Rod, glass.....	.10
Cylinder, 1000 cc., double graduation.....	2.45	B/-9872 Mortar and Pestle, porcelain.....	.25
Cylinder, 2000 cc., double graduation.....	3.50	B/-9885 Pipette, glass, 1 cc., graduated in 1-100.....	.50
B/-9840 Cylinder, set of 2, graduated from 10 to 50 cc., in wooden stand.....	1.50		



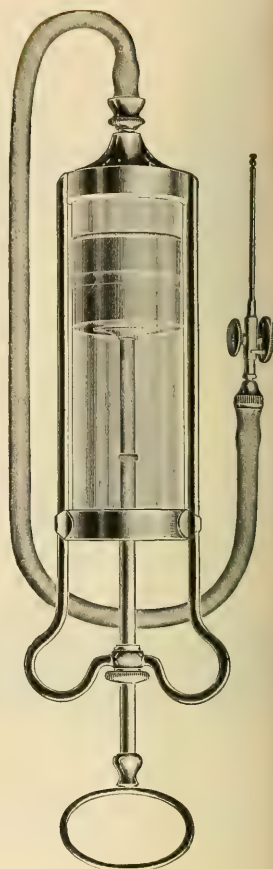
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B/-9905



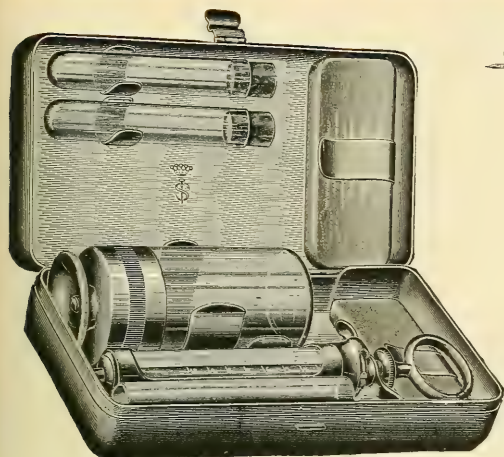
B/-9910



B/-9905

### Spinal Anaesthesia Syringes

	Each
B/-9900 <b>Bainbridge's</b> Spinal Anaesthesia Syringe, 5 cc., all metal, with 4 needles, in case.....	\$ 6.00
B/-9905 <b>Bier's</b> Vein Anaesthesia Syringe, consisting of "Record" Syringe, 100 cc., 3 blunt canulæ, each with cut-off, tubing and connections, in metal case.....	26.00
B/-9908 <b>Bier's</b> Spinal Anaesthesia Syringe, 2 cc., with 2 long steel needles, in metal case.....	7.00
B/-9910 <b>Bier's</b> Spinal Anaesthesia Syringe, "Record" Pattern, 2 cc., with 2 long steel needles, in metal case.....	8.00



B/-9916-17



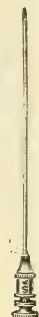
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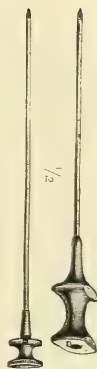
B/-9941-42



B-9951



B/-9922



B-9925



B-9927



B/-9930



B-9953

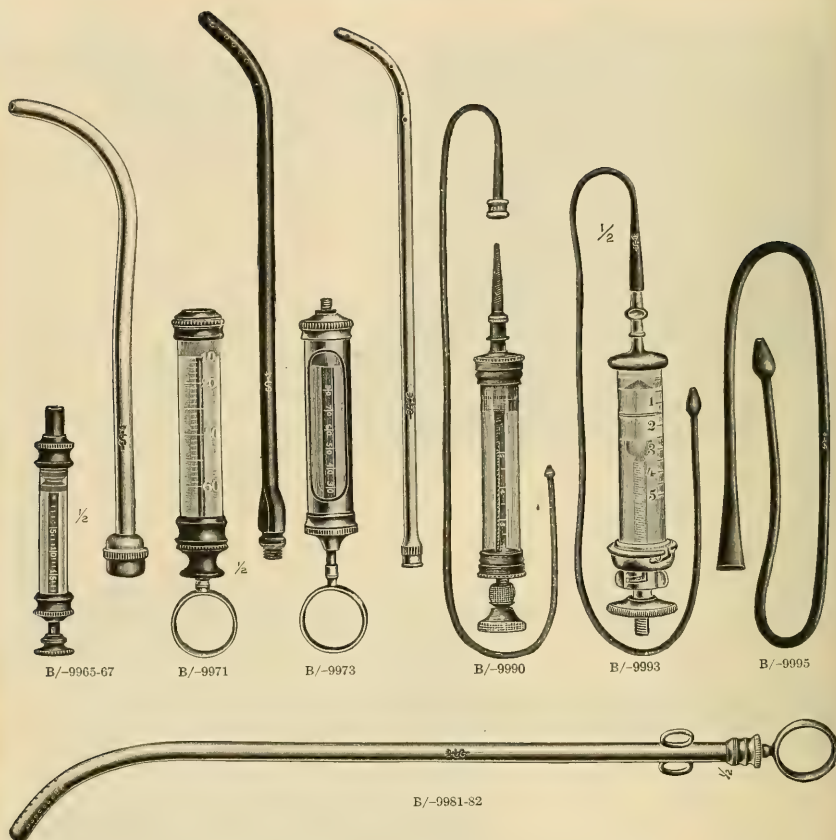
## Spinal Anaesthesia Syringes

(Continued)

	Each		Each
B-9916 <b>Schleich's</b> Spinal Anaesthesia Syringe, 5 cc., rubber piston, screw cap bottle, 10 needles and 2 vials of Sal. Anaesthet. tablets, in metal case.....	\$12.00	B/-9934 <b>Cluss' Needle</b> , with stopcock, detachable finger-plate, and cap for vein, lumbar or pleural puncture, made in two sizes, 4 and 5 French scale....	\$ 2.50
B/-9917 <b>Schleich's</b> Spinal Anaesthesia Syringe, 10 cc., same as above.....	13.50	B/-9941 <b>O'Brien's Needle</b> , with universal thread.....	1.25
B-9922 <b>Babcock's Needle</b> , to fit "Record" Syringe.....	1.25	B/-9942 <b>O'Brien's Needle</b> , fitting "Record" Syringes....	1.25
B-9925 <b>Barker's Needle Trocar</b> , for spinal analgesia, with obturator made of hard nickel, to fit "Record" Syringes.....	2.00		
B/-9927 <b>Barker's Canula</b> , hard nickel, fitting into above needles.....	2.00		
B/-9930 <b>Bier's Needle</b> .....	1.50		

## Tuberculin Syringes

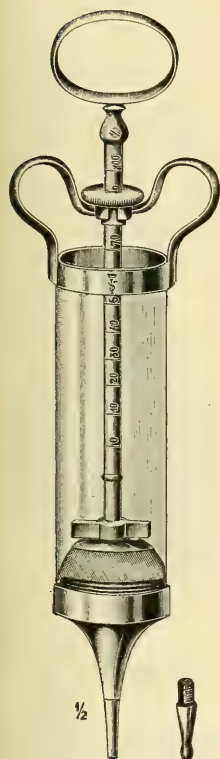
B-9951 "Record" Tuberculin Syringe, $\frac{1}{2}$ cc., graduated into 30 parts, with 2 steel needles, in metal case.....	4.00
B/-9953 "Record" Tuberculin Syringe, 1 cc., graduated into 50 parts, with 2 steel needles, in metal case.....	4.00



### Urethral Syringes

	Each
B/-9965 <b>Bolton Bangs'</b> Syringe, glass barrel and hard rubber fittings.....	\$ 1.00
B/-9967 <b>Bolton Bangs'</b> Tube, silver, for above, 13 to 18 French Scale.....	3.00
19 to 21 French Scale.....	4.00
22 and 23 French Scale.....	4.50
24 and 25 French Scale.....	4.75
26 and 27 French Scale.....	5.25
28 French Scale.....	5.50
B/-9971 <b>Bumstead's</b> Urethral Syringe, glass barrel, hard rubber mounted, in leather case.....	1.50
B/-9973 <b>Bumstead's</b> Urethral Syringe, glass barrel, metal mounted.....	1.50
B/-9981 <b>Dick's</b> Catheter Syringe, plated.....	2.50
B/-9982 <b>Dick's</b> Catheter Syringe, silver.....	4.00
B/-9990 <b>Guyon's</b> Drop Syringe, glass barrel, hard rubber mounted, in case, 2 hard rubber tips and elastic catheter.....	3.00
B/-9993 <b>Guyon's</b> Drop Syringe, "Record" Pattern, with elastic catheter, in metal case.....	7.00
B/-9995 <b>Guyon's</b> Elastic Catheter.....	.75

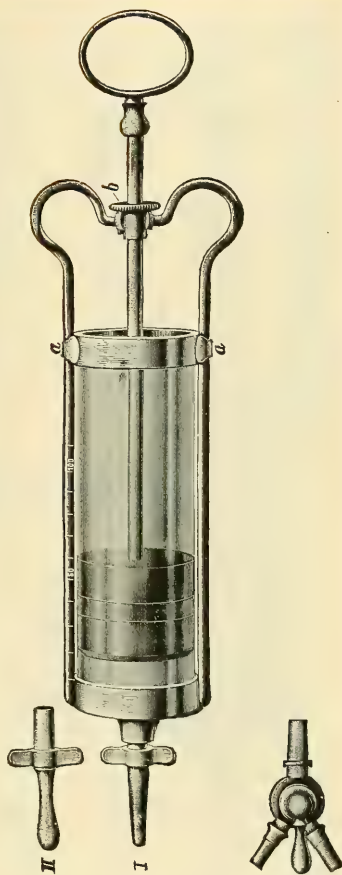




B/-10000-04



B/-10009-11



B/-10020-21

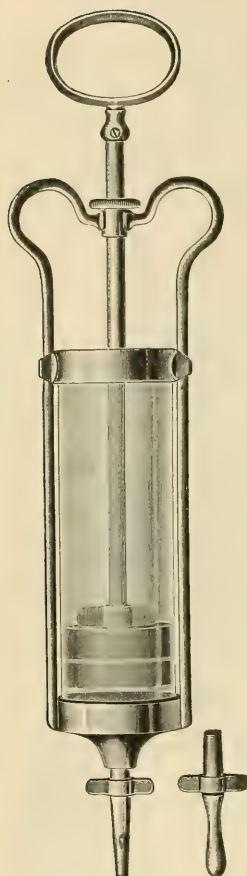


B/-10025

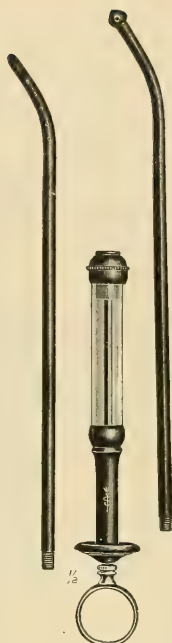
### Urethral Syringes

(Continued)

		Each
B/-10000	Janet-Frank's Bladder Syringe, 30 cc., with 2 tips.....	\$ 4.75
B/-10001	Janet-Frank's Bladder Syringe, 50 cc., with 2 tips.....	5.00
B/-10002	Janet-Frank's Bladder Syringe, 100 cc., with 2 tips.....	5.50
B/-10003	Janet-Frank's Bladder Syringe, 150 cc., with 2 tips.....	6.00
B/-10004	Janet-Frank's Bladder Syringe, 200 cc., with 2 tips.....	7.00
B/-10009	Keyes-Ultzmann's Urethral Syringe, glass barrel, metal piston and plated canula, in case ...	2.50
B/-10011	Keyes-Ultzmann's Urethral Syringe, glass barrel, metal piston and silver canula, in case ...	2.75
B/-10020	"Record" Bladder Syringe, 50 cc., with 2 tips.....	9.00
B/-10021	"Record" Bladder Syringe, 100 cc., with 2 tips.....	10.50
B/-10025	Three-way Stopcock, for above.....	1.50



B/-10029-33



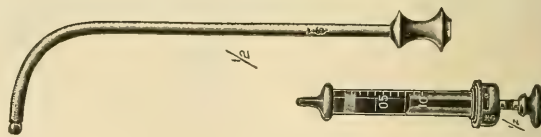
B/-10041



B/-10045



B/-10051-53

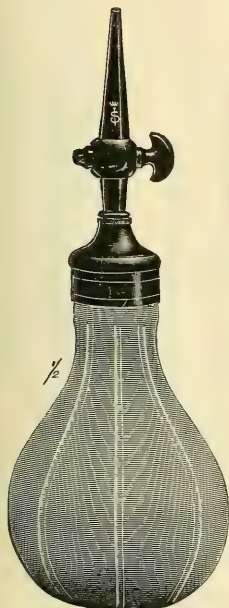


B 10055

## Urethral Syringes

(Continued)

	Each		Each
B -10029 "Record" Bladder Syringe, 60 cc., with composition plunger for warm fluids.....	\$ 9.00	B/-10041 Taylor-Bumstead's Urethral Syringe; glass barrel, hard rubber mounted, 2 hard rubber canulae, in case.....	\$ 2.50
B -10030 "Record" Bladder Syringe, 75 cc., with composition plunger for warm fluids.....	9.75	B/-10045 Tomasoli's Ointment Syringe.....	2.25
B/-10031 "Record" Bladder Syringe, 100 cc., with composition plunger for warm fluids.....	10.50	B/-10051 Ultzmann's Urethral Syringe, glass barrel, hard rubber mounted, with plated canula, in case..	2.25
B -10032 "Record" Bladder Syringe, 150 cc., with composition plunger for warm fluids ..	11.25	B/-10053 Ultzmann's Urethral Syringe, glass barrel, hard rubber mounted, with silver canula, in case .....	3.00
B/-10033 "Record" Bladder Syringe, 200 cc., with composition plunger for warm fluids.....	12.50	B/-10055 Ultzmann's Urethral Syringe, "Record" Pattern, with metal glass-lined canula.....	4.25



B/-10059



B/-10065



B/-10066



B/-10067



B/-10068



B/-10069



B/-10070



B/-10075-78



B/-10090



B/-10092



B/-10095

## Urethral Syringes

(Continued)



B/-10081

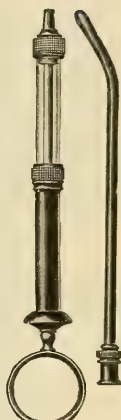


B/-10085

	Each
B/-10059 Van Buren's Hydrocele Bag Syringe, 6 ounces.....	\$ 1.75
B/-10065 Urethral Injection Syringe, ¼ ounce, glass barrel, hard rubber mounted	.50
B/-10066 Urethral Injection Syringe, ¼ ounce, glass barrel, hard rubber mounted	.50
B/-10067 Urethral Injection Syringe, ¼ ounce, glass barrel, hard rubber mounted	.50
B/-10068 Urethral Injection Syringe, ¼ ounce, glass barrel, hard rubber mounted	.50
B/-10069 Urethral Injection Syringe, ¼ ounce, glass barrel, hard rubber mounted	.60
B/-10070 Urethral Injection Syringe, ¼ ounce, glass barrel, hard rubber mounted	.50
B/-10075 Urethral Injection Syringe, ½ ounce, glass barrel, hard rubber mounted and soft rubber tip.....	.75
B/-10078 Urethral Injection Syringe, 1 ounce, glass barrel, hard rubber mounted and soft rubber tip.....	1.00
B/-10081 Urethral Injection Syringe, ¼ ounce, all hard rubber.....	.60
B/-10085 Urethral Injection Syringe, ¼ ounce, all glass.....	.25
B/-10090 Urethral Tip, for Bladder Syringes, soft rubber.....	.20
B/-10092 Urethral Tip, for Bladder Syringes, soft rubber.....	.20
B/-10095 Urethral Tip, for "Record" Syringes, metal.....	.25



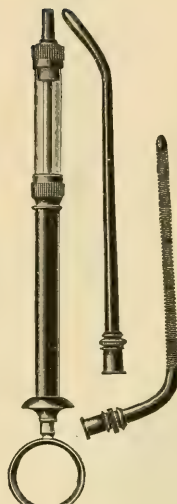
B/-10110



B/-10114-15



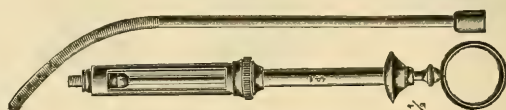
B/-10117



B/-10122



B/-10143-45



B/-10148



B/-10131-37

## Uterine Syringes

	Each		Each
B/-10110 <b>Boldt's</b> Uterine Syringe, glass barrel, hard rubber mounted, with silver canula.....	\$ 4.00	B/-10135 "Record" Uterine Syringe, 2 cc., with metal glass-lined canula.....	\$ 5.50
B/-10114 <b>Braun's</b> Uterine Syringe, glass barrel, hard rubber mounted.....	1.25	B/-10137 "Record" Uterine Syringe, 5 cc., with metal glass-lined canula.....	6.75
B/-10115 <b>Braun's</b> Uterine Syringe, extra long, glass barrel, hard rubber mounted.....	1.75	B/-10143 <b>Walcher's</b> Uterine Syringe, 1 cc., glass barrel, metal piston.....	2.00
B/-10117 <b>Braun's</b> Uterine Syringe, glass barrel, metal mounted.....	1.75	B/-10144 <b>Walcher's</b> Uterine Syringe, 2 cc., glass barrel, metal piston.....	2.50
B/-10122 <b>Hoffman's</b> Uterine Syringe, glass barrel, hard rubber mounted, with 2 canula.....	2.00	B/-10145 <b>Walcher's</b> Uterine Syringe, 5 cc., glass barrel, metal piston.....	3.75
B/-10131 "Record" Uterine Syringe, 2 cc., with plain canula.....	4.00	B/-10148 <b>Winter's</b> Uterine Syringe, glass barrel, metal mounted.....	1.75
B/-10133 "Record" Uterine Syringe, 5 cc., with plain canula.....	5.50		





B/-10160-65



B/-10170-74



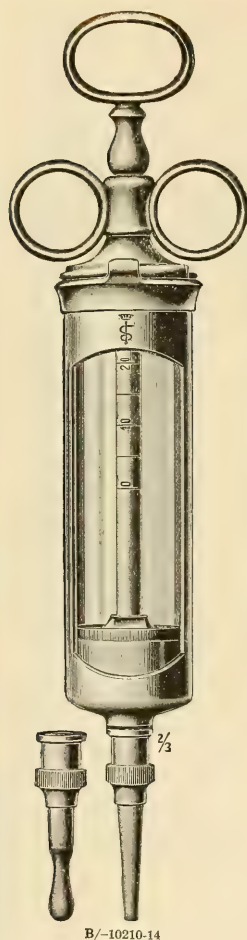
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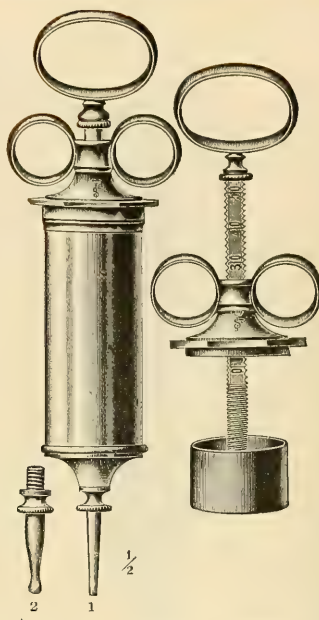
B/-10197-202

### Wound Dressing Syringes

		Each
B/-10160	Hard Rubber Syringe, 20 grm. or $\frac{3}{4}$ oz.	\$ 1.25
B/-10161	Hard Rubber Syringe, 30 grm. or 1 oz.	1.40
B/-10162	Hard Rubber Syringe, 50 grm. or $1\frac{1}{4}$ oz.	1.60
B/-10163	Hard Rubber Syringe, 70 grm. or $2\frac{1}{2}$ oz.	2.00
B/-10164	Hard Rubber Syringe, 100 grm. or $3\frac{1}{2}$ oz.	2.25
B/-10165	Hard Rubber Syringe, 150 grm. or 5 oz.	3.00
B/-10170	Hard Rubber Syringe, with 3 metal rings, 35 grm. or 1 oz.	2.10
B/-10171	Hard Rubber Syringe, with 3 metal rings, 50 grm. or $1\frac{1}{4}$ oz.	2.25
B/-10172	Hard Rubber Syringe, with 3 metal rings, 70 grm. or $2\frac{1}{2}$ oz.	2.60
B/-10173	Hard Rubber Syringe, with 3 metal rings, 100 grm. or $3\frac{1}{2}$ oz.	2.90
B/-10174	Hard Rubber Syringe, with 3 metal rings, 150 grm. or 5 oz.	3.75
B/-10185	Glass Barrel Syringe, hard rubber mounted, 20 grm. or $\frac{3}{4}$ oz.	1.25
B/-10186	Glass Barrel Syringe, hard rubber mounted, 35 grm. or 1 oz.	1.40
B/-10187	Glass Barrel Syringe, hard rubber mounted, 50 grm. or $1\frac{1}{4}$ oz.	1.60
B/-10188	Glass Barrel Syringe, hard rubber mounted, 70 grm. or $2\frac{1}{2}$ oz.	2.00
B/-10189	Glass Barrel Syringe, hard rubber mounted, 100 grm. or $3\frac{1}{2}$ oz.	2.25
B/-10190	Glass Barrel Syringe, hard rubber mounted, 150 grm. or 5 oz.	3.00
B/-10197	Glass Barrel Syringe, hard rubber mounted, with 3 metal rings, 20 grm. or $\frac{3}{4}$ oz.	1.75
B/-10198	Glass Barrel Syringe, hard rubber mounted, with 3 metal rings, 35 grm. or 1 oz.	2.00
B/-10199	Glass Barrel Syringe, hard rubber mounted, with 3 metal rings, 50 grm. or $1\frac{1}{4}$ oz.	2.25
B/-10200	Glass Barrel Syringe, hard rubber mounted, with 3 metal rings, 70 grm. or $2\frac{1}{2}$ oz.	2.50
B/-10201	Glass Barrel Syringe, hard rubber mounted, with 3 metal rings, 100 grm. or $3\frac{1}{2}$ oz.	2.75
B/-10202	Glass Barrel Syringe, hard rubber mounted, with 3 metal rings, 150 grm. or 5 oz.	3.25



B/-10210-14



B/-10227-33

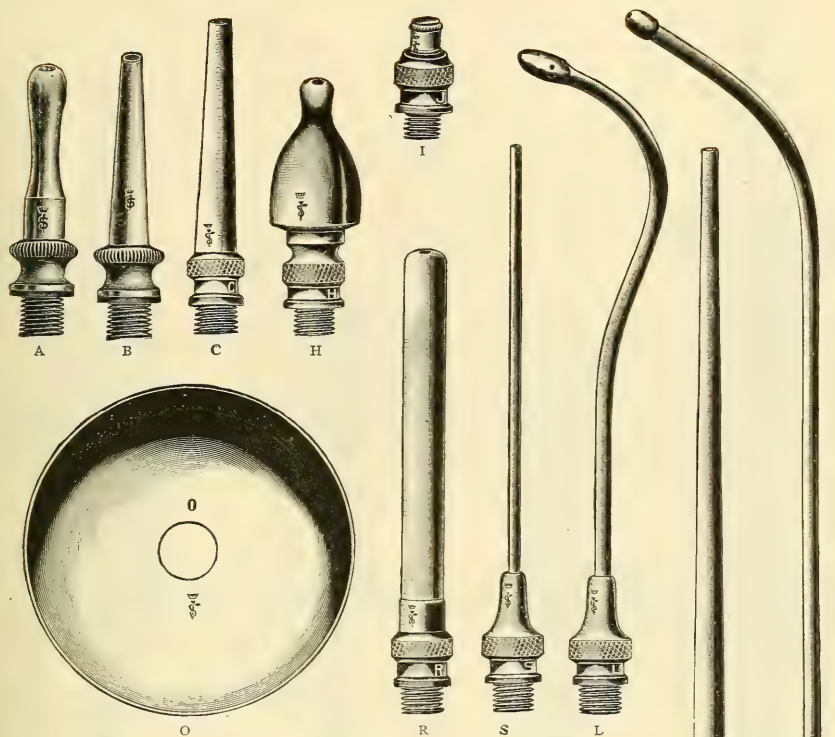
### Wound Dressing Syringes

(Continued)

Each

B/-10210	"Aesculapius" Syringe, 30 cc., with adjustable durite piston.....	\$ 4.50
B/-10211	"Aesculapius" Syringe, 50 cc., with adjustable durite piston.....	4.75
B/-10212	"Aesculapius" Syringe, 100 cc., with adjustable durite piston.....	5.25
B/-10213	"Aesculapius" Syringe, 150 cc., with adjustable durite piston.....	6.00
B/-10214	"Aesculapius" Syringe, 200 cc., with adjustable durite piston.....	7.00
B/-10227	"Asta" Syringe, 15 cc., all metal.....	2.25
B/-10228	"Asta" Syringe, 30 cc., all metal.....	2.50
B/-10229	"Asta" Syringe, 50 cc., all metal.....	3.00
B/-10230	"Asta" Syringe, 80 cc., all metal.....	3.50
B/-10231	"Asta" Syringe, 100 cc., all metal.....	4.00
B/-10232	"Asta" Syringe, 150 cc., all metal.....	4.50
B/-10233	"Asta" Syringe, 200 cc., all metal.....	5.00

The prices on Syringes Nos. B/-10227 to B/-10233 include any two tips of the following styles: A, B, C, H, I, O, R and S, as illustrated on following page.



B/-10240

### Wound Dressing Syringes

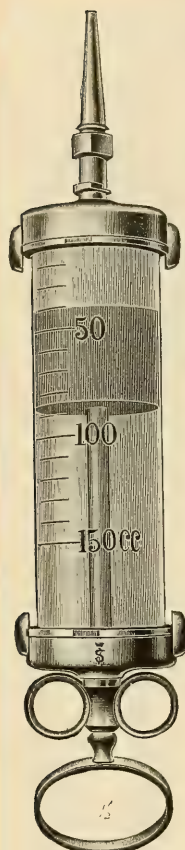
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#### B/-10240 Metal Tips for "Asta" Syringes:

	Each
A. Ear, olive pointed.....	\$ .25
B. Ear, taper, short.....	.25
C. Ear, taper, long.....	.25
H. Ear, bulbous.....	.25
I. Adapter, for hypodermatic needles.....	.25
L. Post Nasal.....	.75
M. Uterine, taper.....	.50
N. Tracheal.....	.50
O. Ear Shield.....	.25
R. Rectal.....	.25
S. Uterine, cylindrical.....	.25



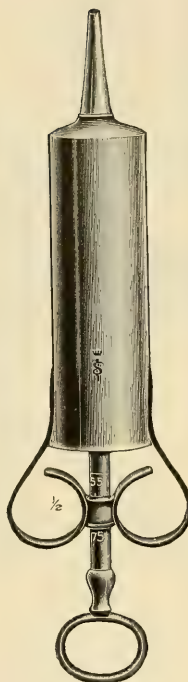
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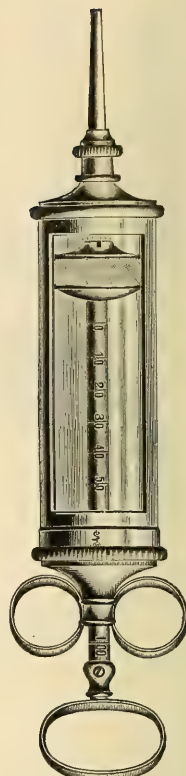
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B/-10257-58



B/-10275-78



B/-10287-92

## Wound Dressing Syringes

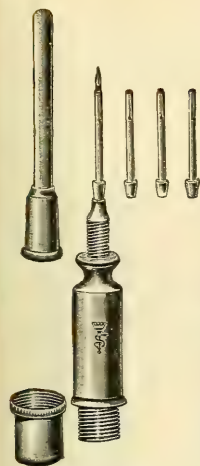
(Continued)

	Each		Each
B/-10247 Alexander's Syringe, "Record" Pattern, 50 cc.	\$ 9.00	B/-10277 Kny-Scheerer Co.'s Syringe, 100 cc., metal, with adjustable rubber piston	\$ 3.75
B/-10248 Alexander's Syringe, "Record" Pattern, 75 cc.	10.00	B/-10278 Kny-Scheerer's Co.'s Syringe, 150 cc., metal, with adjustable rubber piston	4.50
B/-10249 Alexander's Syringe, "Record" Pattern, 100 cc.	10.50	B/-10287 Roux's Syringe, 30 cc., with adjustable durite piston	3.25
B/-10250 Alexander's Syringe, "Record" Pattern, 150 cc.	11.50	B/-10288 Roux's Syringe, 50 cc., with adjustable durite piston	3.50
B/-10251 Alexander's Syringe, "Record" Pattern, 200 cc.	13.50	B/-10289 Roux's Syringe, 75 cc., with adjustable durite piston	3.75
B/-10257 Brodhead's Syringe, 2 1/4 ounces, with adjustable rubber piston	2.75	B/-10290 Roux's Syringe, 100 cc., with adjustable durite piston	4.00
B/-10258 Brodhead's Syringe, 4 1/4 ounces, with adjustable rubber piston	3.25	B/-10291 Roux's Syringe, 150 cc., with adjustable durite piston	5.00
B/-10275 Kny-Scheerer Co.'s Syringe, 50 cc., metal, with adjustable rubber piston	3.25	B/-10292 Roux's Syringe, 200 cc., with adjustable durite piston	6.00
B/-10276 Kny-Scheerer Co.'s Syringe, 75 cc., metal, adjustable rubber piston	3.50		

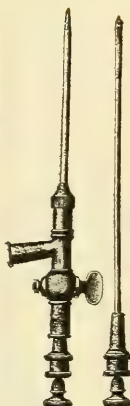
KNY-SCHNEIDER CO.'S

NEW YORK

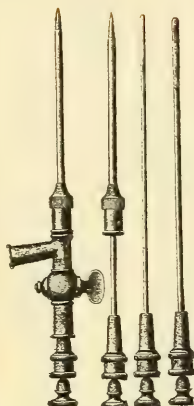




B/-10320



B/-10330



B/-10331



B/-10335



B/-10350



B/-10351



B/-10355



B/-10341



B/-10342



B/-10315

### Anasarca Trocars

		Each
B/-10315	Curschmann's Anasarca Trocar.....	\$ 1.25
B/-10320	Southey's Anasarca Trocar, with 4 canulae, in ivory case.....	3.00

### Aspirating Trocars

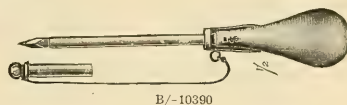
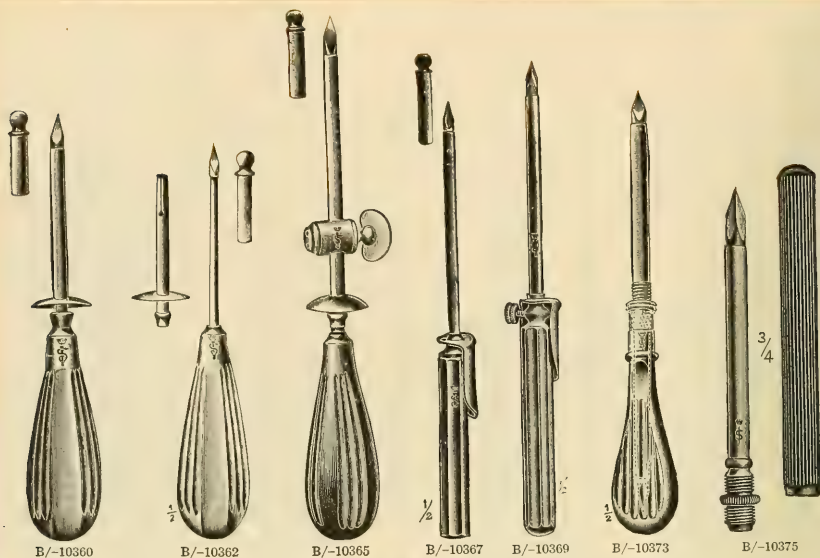
B/-10330	Billroth's Aspirating Trocar.....	2.25
B/-10331	Billroth's Aspirating Trocar, set of 2.....	3.25
B/-10335	Fitch's Aspirating Trocar, 3 sizes, 4, 6 and 8 French Scale....	1.50

### Drainage Trocars

B/-10341	Chassaignac's Drainage Trocar, straight.....	3.50
B/-10342	Chassaignac's Drainage Trocar, curved.....	3.75

### Exploring Trocars

B/-10350	Plain Exploring Trocar.....	.65
B/-10351	Plain Exploring Trocar, reversible.....	.75
B/-10355	Fraentzel's Exploring Trocar, with perforated canula.....	.80



### Hydrocele and Ascites Trocars

	Each
B/-10360 Plain Trocar, with disc and plain canula, 9 sizes, 8 to 16 French Scale.....	\$ 1.25
B/-10362 Plain Trocar, with disc and snap canula, 9 sizes, 8 to 16 French Scale.....	1.35
B/-10365 Plain Trocar, with stopcock and plain canula, 2 sizes, 10 and 16 French Scale.....	2.25
B/-10367 Plain Trocar, with off-flow scoop, 9 sizes, 8 to 16 French Scale.....	1.00
B/-10369 Plain Trocar, with off-flow scoop, reversible, 9 sizes, 8 to 16 French Scale.....	1.00
B/-10373 Plain Trocar, flat handle, reversible, 9 sizes, 8 to 16 French Scale.....	1.00
B/-10375 Plain Trocar, round handle, reversible, 3 sizes, 8, 12 and 15 French Scale.....	.75
B/-10380 Dick's Trocar, silver canula, screw metal case.....	3.50
B/-10383 English Pattern Trocar, with snap canula.....	1.65
B/-10386 Graefe's Pattern Trocar, with off-flow scoop and stopcock.....	3.00
B/-10390 Little's Pattern Trocar, with off-flow scoop.....	1.50





B/-10395



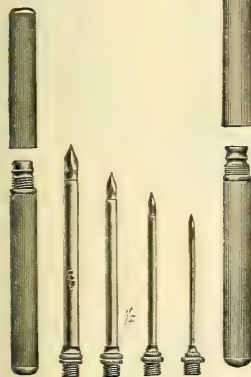
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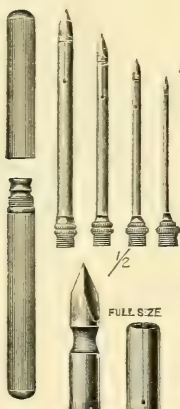
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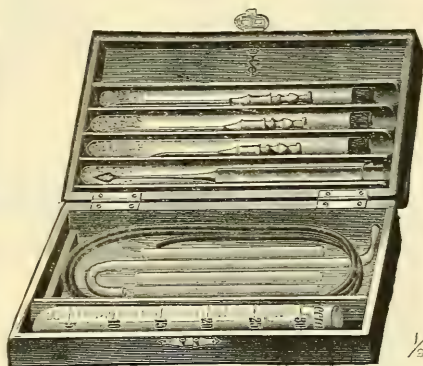
B/-10401



B/-10403



B/-10405



B/-10410

## Hydrocele and Ascites Trocars

(Continued)

	Each
B/-10395 Telescopic Trocars, set of 3, in flat metal handle.....	\$ 2.50
B/-10397 Telescopic Trocars, set of 3, in cylindrical pencil case.....	2.00
B/-10399 Telescopic Trocars, set of 3, in cylindrical pencil case, with snap canula.....	2.25
B/-10401 Telescopic Trocars, set of 4, in flat metal handle.....	2.75
B/-10403 Telescopic Trocars, set of 4, in cylindrical pencil case.....	2.50
B/-10405 Telescopic Trocars, set of 4, in cylindrical pencil case, with snap canula.....	2.75

## Lumbar Puncture Trocars

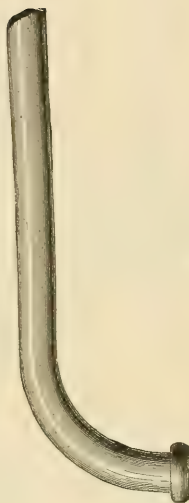
B/-10410 Quincke's Complete Set, for Lumbar Puncture .....	10.50
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B/-10420



B/-10427



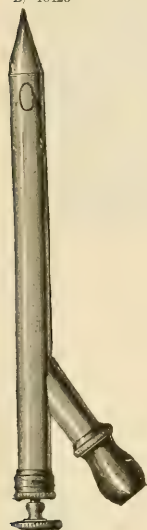
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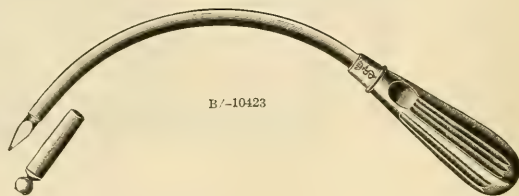
B/-10434



B/-10437



B/-10440



B/-10423

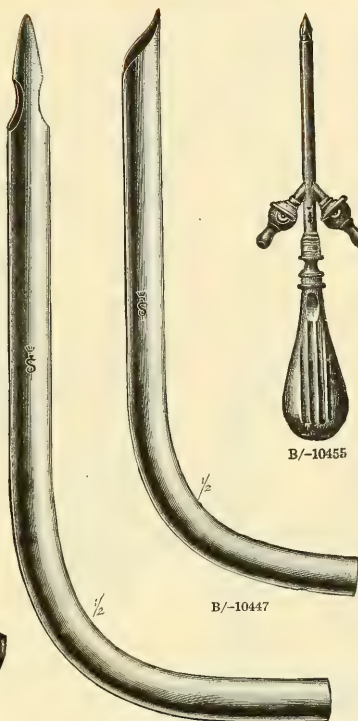
### Ovarian Trocars

	Each
B/-10420 Dunster's Ovarian Trocar.....	\$ 3.50
B/-10423 Douglas' Ovarian Trocar.....	3.50
B/-10427 Emmett's Ovarian Trocar, 4 sizes, 19, 23, 27 and 31 French Scale	2.50
B/-10431 Hegar's Ovarian Trocar.....	2.50
B/-10434 Lawson-Tait's Ovarian Trocar.....	12.00
B/-10437 Mathieu's Ovarian Trocar.....	3.50
B/-10440 Pean's Ovarian Trocar.....	3.50





B/-10443



B/-10447

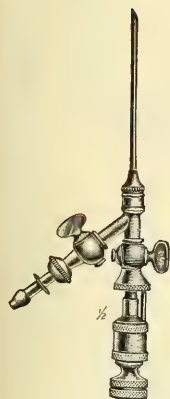


B/-10448

B/-10455



B/-10458



B/-10465



B/-10461

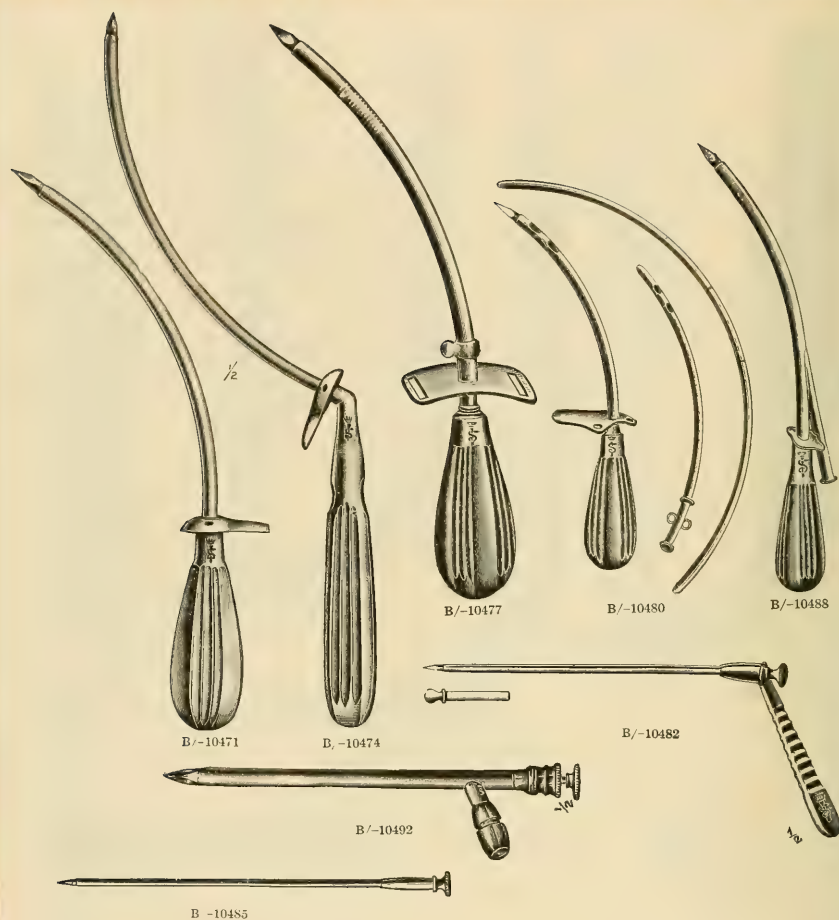
### Ovarian Trocars

(Continued)

	Each
B/-10443 Spencer Well's Ovarian Trocar.....	\$ 12.00
B/-10447 Wylie's Ovarian Trocar, sharp.....	2.25
B/-10448 Wylie's Ovarian Trocar, blunt.....	2.00

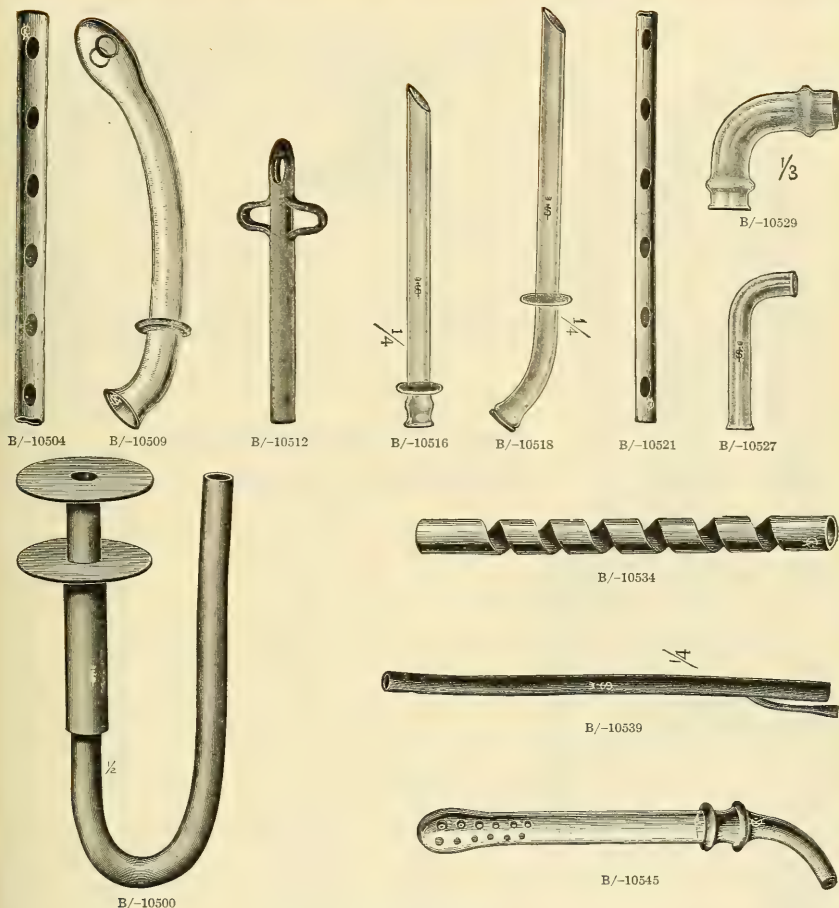
### Thoracic Trocars

B/-10455 Plain Thoracic Trocar, with 2 stopcocks.....	4.50
B/-10458 Billroth's Thoracic Trocar, with 2 stopcocks.....	4.50
B/-10461 Kashimoura's Thoracic Trocar, with 1 stopcock.....	4.25
B/-10465 Robinson-Brauer's Thoracic Trocar, for pneumo-thorax....	6.00



### Vesical Trocars

	Each
B/-10471 Plain Vesical Trocar .....	\$ 1.75
B/-10474 Buck's Vesical Trocar .....	2.50
B/-10477 Deneffe's Vesical Trocar .....	5.00
B/-10480 Fleurant's Vesical Trocar .....	3.00
B/-10482 Guiteras' Vesical Trocar .....	2.00
B/-10485 Hagedorn's Vesical Trocar .....	.75
B/-10488 Kuechenmeister's Vesical Trocar .....	3.75
B/-10492 Ochsner's Gall Bladder Trocar, 3 sizes, 12, 17 and 20 French Scale .....	1.50



### Drainage Tubes

	Each
B/-10500 <b>Brewer's</b> Drainage Tube, for empyema, with adjustable collar, 2 sizes, $\frac{7}{16}$ and $\frac{11}{16}$ inch diameter.	\$ 1.25
B/-10504 <b>Championniere's</b> Drainage Tube, aluminum, 3 sizes.	1.00
B/-10509 <b>Keith's</b> Drainage Tube, glass, with bulbous tip.	.30
B/-10512 <b>Kelly's</b> Drainage Tube, soft rubber, for pelvic abscesses, 3 sizes, 10, 11 and 12 mm.	1.20
B/-10516 <b>Moynihan's</b> Drainage Tube, glass, straight, 3 sizes.	.60
B/-10518 <b>Moynihan's</b> Drainage Tube, glass, curved, 3 sizes.	1.00
B/-10521 <b>Neuber's</b> Drainage Tube, bone, 3 sizes.	.25
B/-10527 <b>Paul's</b> Drainage Tube, glass, for the small intestine.	.50
B/-10529 <b>Paul's</b> Drainage Tube, glass, for the large intestine, 3 sizes.	.50
B/-10534 <b>Schapp's</b> Drainage Tube, hard rubber, spiral, 3 sizes.	.60
B/-10539 <b>Smith's</b> Drainage Tube, soft rubber, 11 inches long, 3 sizes.	2.25
B/-10545 <b>Tait's</b> Drainage Tube, glass, with bulbous tip.	.30



B/-10551



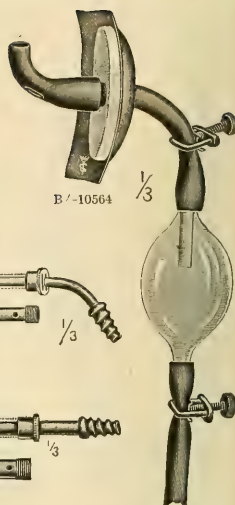
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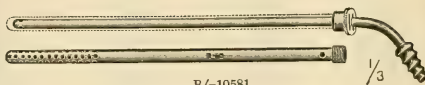
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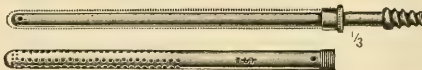
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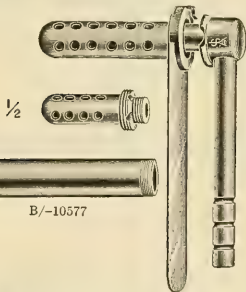
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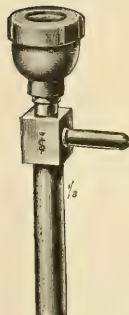
B/-10581



B/-10583



B/-10577



B/-10595

## Drainage Tubes

(Continued)

		Each
B/-10551	<b>Thomas' Drainage Tube, glass, straight, plain.....</b>	<b>\$ .20</b>
B/-10552	<b>Thomas' Drainage Tube, glass, curved, plain.....</b>	<b>.25</b>
*B/-10553	<b>Thomas' Drainage Tube, glass, straight, perforated.....</b>	<b>.25</b>
*B/-10554	<b>Thomas' Drainage Tube, glass, curved, perforated.....</b>	<b>.30</b>
B/-10560	<b>Van Lennep's Drainage Tube, glass, set 3, nested.....</b>	<b>1.00</b>
B/-10564	<b>Von Eberts' Drainage Tube, for empyema, 2 sizes, 9 and 12 mm.....</b>	<b>2.50</b>
B/-10567	<b>Wilson's Drainage Tube, for empyema, soft rubber, 3 sizes.....</b>	<b>.60</b>

## Vacuum Suction Tubes

B/-10577	<b>Kenyon's Continuous Suction Drainage Tube, complete with 3 pairs of drainage tubes.....</b>	<b>6.00</b>
B/-10581	<b>Pool's Abdominal Suction Tube, 8¾ inches, 23 French Scale.....</b>	<b>3.00</b>
B/-10583	<b>Pool's Abdominal Suction Tube, 8¾ inches, 30 French Scale.....</b>	<b>3.50</b>
B/-10595	<b>Chapman's Water Pump.....</b>	<b>2.25</b>

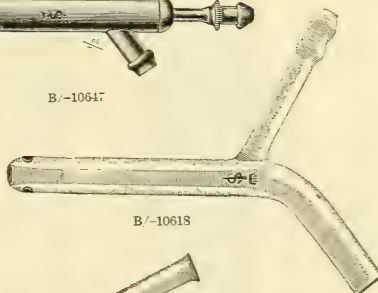




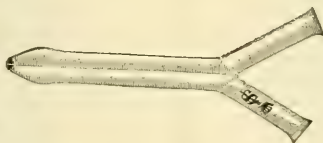
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B/-10618



B -10642



B/-10625



B -10629-31



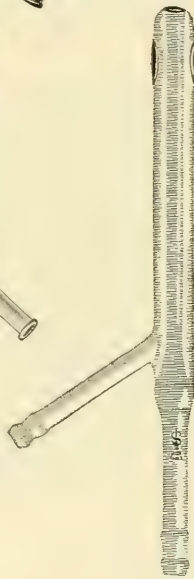
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B/-10650



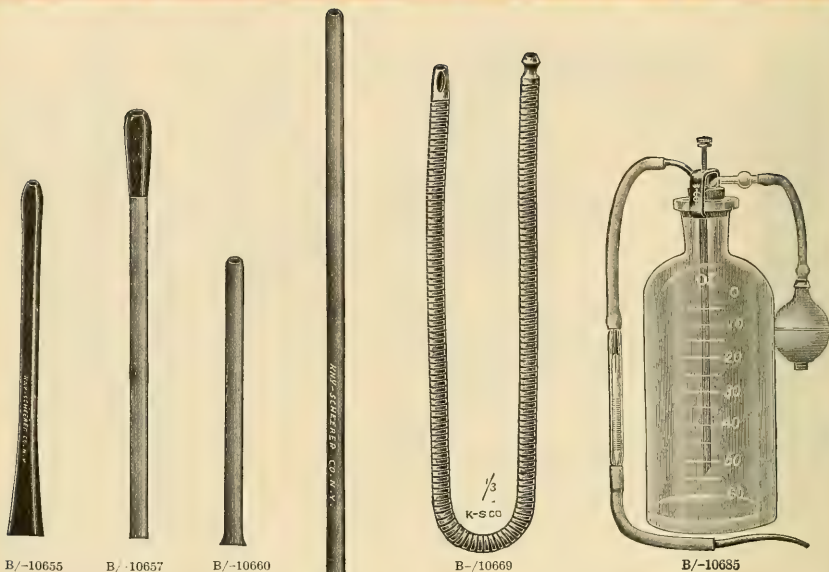
B -10621



B/-10638

# Rectal Irrigators

	Each		Each
B/-10615 Bodenhamer's Rectal Irrigator, hard rubber.....	\$ 1.50	B/-10636 Kemp's Rectal Irrigator, hard rubber.....	\$ 1.50
B/-10618 Chetwood's Rectal Irrigator, glass.....	.75	B -10637 Kemp's Rectal Irrigator, metal.....	1.50
B/-10621 Dommer's Rectal Irrigator, glass.....	.50	B/-10638 Kemp's Rectal Irrigator, glass.....	1.00
B/-10625 Fritsch's Rectal Irrigator, hard rubber.....	2.50	B/-10642 Kny-Scheerer Co.'s Rectal Irrigator, glass.....	.75
B/-10629 Guiteras' Rectal Irrigator, hard rubber.....	1.75	B -10647 Martin's Rectal Irrigator, glass.....	1.25
B/-10631 Guiteras' Rectal Irrigator, metal.....	1.75	B/-10650 Mathieu's Rectal Irrigator, glass.....	1.50



B/-10655

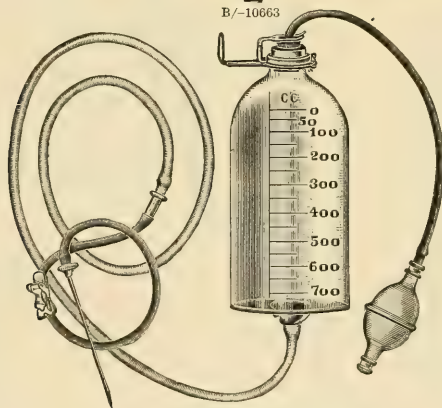
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B/-10663

B/-10669

B/-10685



B/-10689



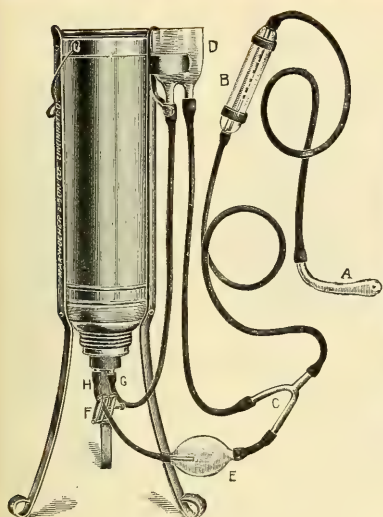
B/-10680

### Rectal Tubes

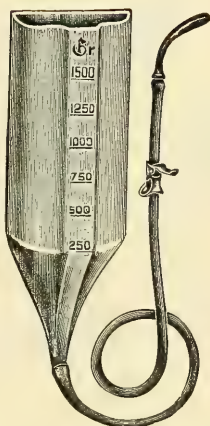
	Each
B/-10655 Rectal Tube, 24 inches, brown webbing .....	\$ 1.00
B/-10657 Rectal Tube, 24 inches, yellow webbing .....	1.25
B/-10660 Rectal Tube, 14 1/2 inches, soft rubber, best imported .....	.90
B/-10663 Rectal Tube, 30 inches, soft rubber, best imported .....	2.25
B/-10669 Rectal Tube, spiral metal .....	1.00

### Infusion and Proctoclysis Apparatus

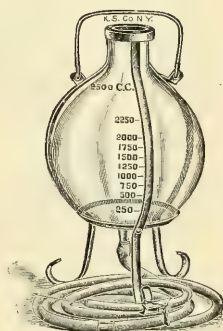
B/-10680 Esmarch's Infusion Apparatus .....	2.25
B/-10685 Fowler's Infusion Apparatus .....	5.00
B/-10689 Kelly's Infusion Apparatus .....	3.00



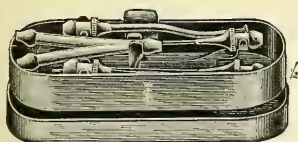
B/-10695



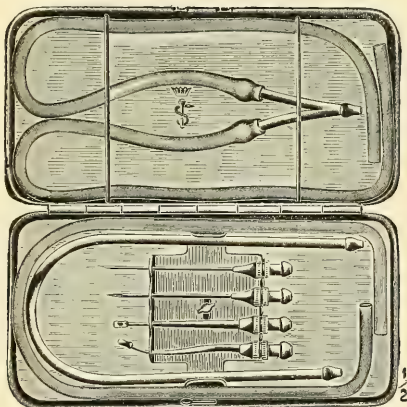
B/-10699



B/-10705



B/-10710



B/-10711

## Infusion and Proctoclysis Apparatus

(Continued)

	Each
B/-10695 Magnuson's Proctoclysis Apparatus.....	\$12.00
B/-10699 Murphy's Proctoclysis Apparatus.....	3.25
B/-10705 Shea's Infusion Apparatus.....	6.25
B/-10710 Webster's Infusion Apparatus, small, in metal case.....	1.75
B/-10711 Webster's Infusion Apparatus, large, in metal case.....	3.00



B/-10720



B/-10725



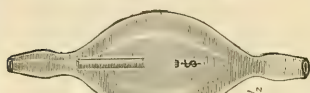
B/-10730



B/-10733-35



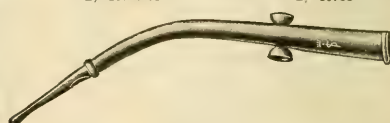
B/-10738



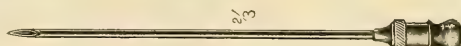
B/-10750



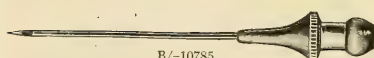
B/-10755



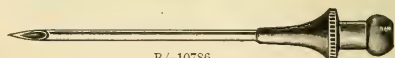
B/-10775



B/-10765-67



B/-10785



B/-10786



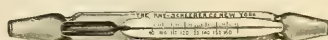
B/-10790



B/-10791



B/-10751



B/-10759

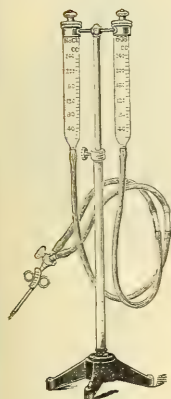
## Infusion Flasks

		Dozen			Dozen
B/-10720	Flushing Flasks, glass, round form, 1 quart . . .	\$ 3.50	B/-10735	Flushing Flasks, glass, B. C. H. pattern, same as above, but without stopper or tubes. . . . .	\$ 6.00
	1 1/2 quarts . . .	4.50			Each
	2 quarts . . .	5.40	B/-10738	Infusion Bottle, N. Y. P. G. Hospital pattern, 1000 cc. . . . .	1.75
B/-10725	Flushing Flasks, glass, carafe shaped, 1 pint . . .	3.60			2.50
	1 quart . . .	4.80	B/-10750	Murphy's Drop Tube, glass, complete with tubing and clamp. . . . .	1.00
	2 quarts . . .	6.50	B/-10751	Murphy's Drop Tube, complete with tubing and clamp. . . . .	.50
	4 quarts . . .	12.00	B/-10755	Shut-off, hard rubber. . . . .	.50
B/-10730	Flushing Flasks, glass, conical form, 1 quart . . .	3.00	B/-10759	Infusion Thermometer. . . . .	.75
	1 1/2 quarts . . .	3.60			
	2 quarts . . .	4.80			
B/-10733	Bolles' Flushing Flasks, glass, 1 1/2 quarts, with stopper and tubes. . . . .	15.00			

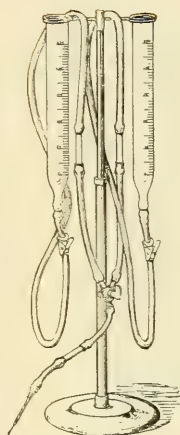
## Infusion Needles and Canulae

		Each			Each
B/-10765	Plain Intravenous Needle, 3 1/2 inches. . . . .	\$ .25	B/-10786	Webster's Intravenous Needle, heavy. . . . .	\$ .30
B/-10767	Plain Intravenous Needle, 7 inches. . . . .	.75	B/-10790	Webster's Intravenous Canula, straight. . . . .	.35
B/-10775	Kelly's Intravenous Canula, silver. . . . .	2.00	B/-10791	Webster's Intravenous Canula, curved. . . . .	.35
B/-10785	Webster's Intravenous Needle, light. . . . .	.30			

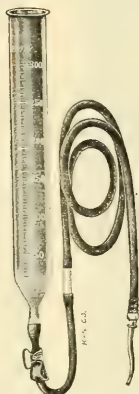




B/-10805



B/-10807



B/-10815



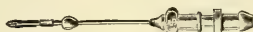
B'-10825



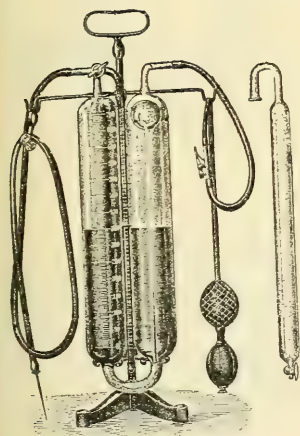
B'-10827



B/-10832



B/-10810-11



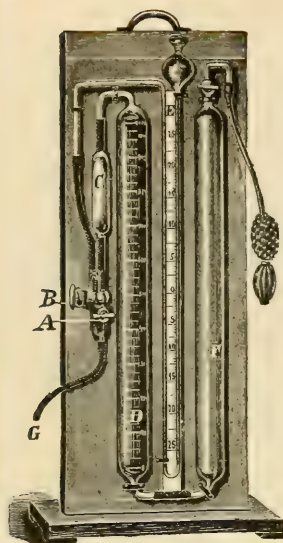
B/-10850

### Salvarsan Injection Apparatus

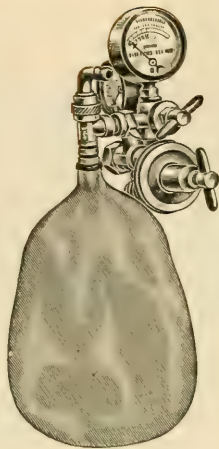
	Each
B/-10805 <b>Boehm's</b> Salvarsan Apparatus.....	\$16.50
B/-10807 <b>Boehm's</b> Salvarsan Apparatus, modified pattern.....	7.00
B/-10810 <b>Eichel's</b> Intravenous Needle, with slip connection, fitting "Record" syringe.....	.75
B/-10811 <b>Eichel's</b> Intravenous Needle, with slip connection, fitting Luer syringe.....	.75
B/-10815 <b>Kny-Scheerer Co.'s</b> Salvarsan Apparatus...	3.25
B/-10825 <b>Schreiber's</b> Intravenous Needle, original pattern.....	.90
B/-10827 <b>Schreiber's</b> Intravenous Needle, modified pattern.....	.90
B/-10832 <b>Strauss' Vein Puncture Trocar</b> .....	.90

### Pneumo-Thorax Apparatus

B/-10850 <b>Forlanini's</b> Pneumo-Thorax Apparatus, complete.....	37.50
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B/-10860



B/-10913



B/-10925



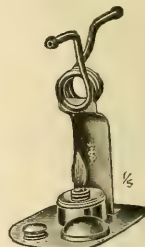
B/-10929



B/-10910



B/-10927



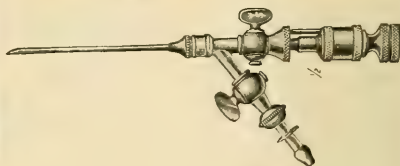
B/-10940



B 10870



B/-10895



B/-10880

## Pneumo-Thorax Apparatus

(Continued)

		Each
B/-10860	Saugmann's Pneumo-Thorax Apparatus, modified by Drs. Muralt and Nebel, mounted on wooden stand, Dr. S. A. Knopf's pattern .....	\$45.00
B/-10870	Forlanini's Pneumo-Thorax Needle, with slip connection .....	1.50
B/-10880	Robinson-Brauer's Pneumo-Thorax Trocar .....	6.00
B/-10895	Nitrogen Gas, in steel tanks containing 25 cubic feet .....	22.00
*B/-10896	Nitrogen Gas, refilling tanks .....	7.00
B/-10910	Reducing Nipple, metal .....	1.25
B/-10915	Reducing Valve .....	32.00
B/-10925	Gas Bag, soft rubber .....	2.50
B/-10927	Connection, hard rubber, for gas bag .....	.75
B/-10929	Stopcock, hard rubber, for gas bag .....	.75
B/-10940	Knopf's Heating Coil and Lamp .....	3.25



B/-10965



B/-10966



B/-10967



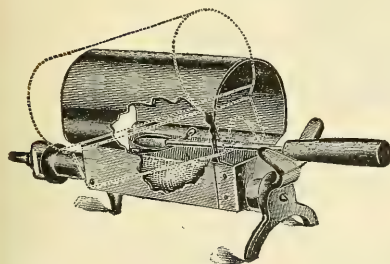
B/-10968



B/-10975



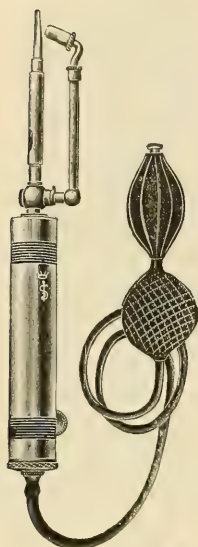
B/-10985



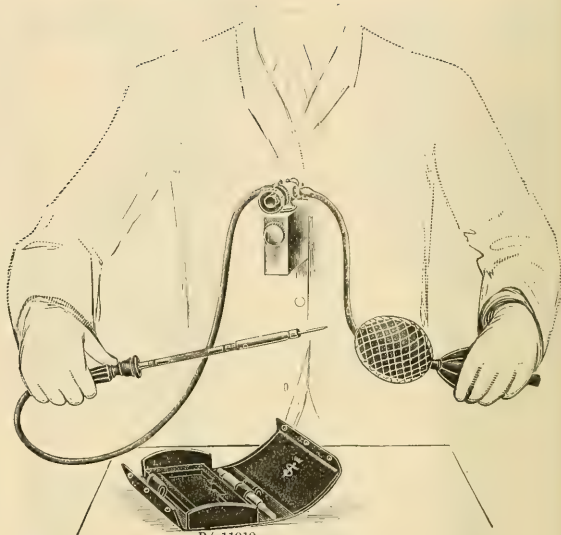
B/-10987

### Cauterizing Instruments

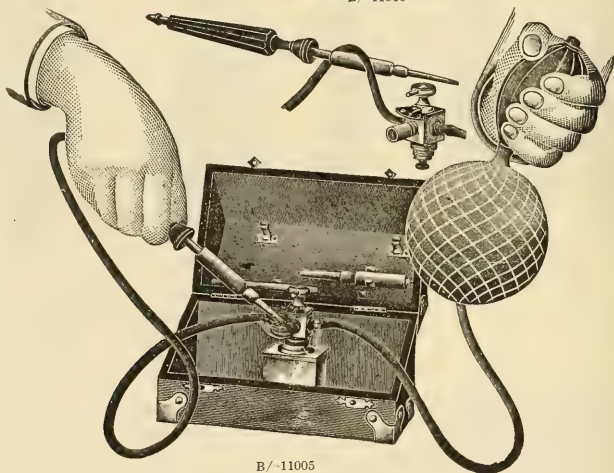
	Each
B/-10965 Cautery Iron, ball point, wooden handle.....	\$ 1.75
B/-10966 Cautery Iron, flat point, wooden handle.....	1.75
B/-10967 Cautery Iron, triangular point, wooden handle.....	1.75
B/-10968 Cautery Iron, acorn point, wooden handle.....	1.75
B/-10975 Cautery Iron, set of 3 fitting into one handle.....	3.50
B/-10985 "Rochester" Cautery Iron.....	.20
B/-10987 "Rochester" Gas Stove, for heating irons.....	2.50



B/-11000



B/-11010



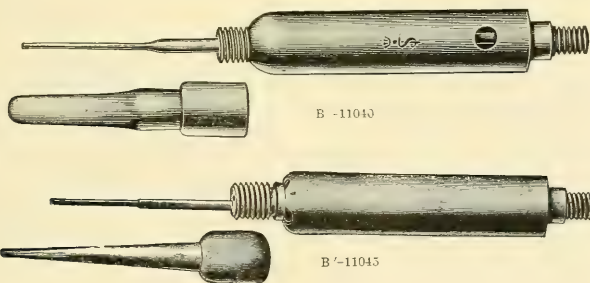
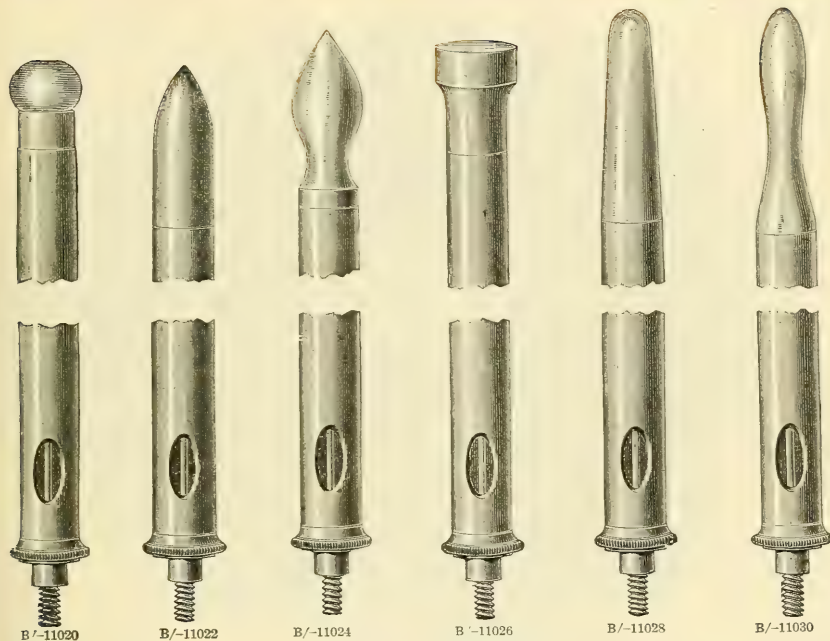
B/-11005

### Thermo-Cautery

- |          |  |          |
|----------|--|----------|
| B/-11000 | "Auto" Thermo-Cautery, with 2 platinum burners, hand reservoir, tube and double bulb, in leather-covered case.....                           | \$ 23.50 |
| B/-11005 | "Simplex" Thermo-Cautery, with 2 platinum burners, combined lamp and benzine reservoir, and double bulb, in leather-covered case.....        | 23.50    |
| B/-11010 | "Simplex" Thermo-Cautery, with 2 platinum burners, combined lamp and benzine reservoir, and double bulb, in folding leather pocket case..... | 23.50    |

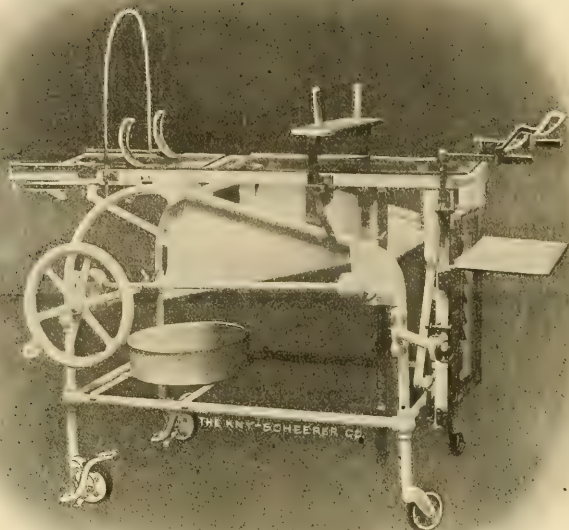
Prices of Platinum goods are subject to change without notice





### Thermo-Cautery Burners

	Each
B/-11020 Thermo-Cautery Burner, 6 inches, ball shaped . . . . .	net \$10.00
B/-11022 Thermo-Cautery Burner, 6 inches, dome shaped . . . . .	net 10.00
B/-11024 Thermo-Cautery Burner, 6 inches, acorn shaped . . . . .	net 10.00
B/-11026 Thermo-Cautery Burner, 6 inches, button shaped . . . . .	net 10.00
B/-11028 Thermo-Cautery Burner, 6 inches, conical . . . . .	net 10.00
B/-11030 Thermo-Cautery Burner, 6 inches, olive shaped . . . . .	net 10.00
B/-11040 Thermo-Cautery Burner, 4 inches, knife shaped, detachable tip . . . . .	net 7.50
B/-11045 Thermo-Cautery Burner, 4 inches, fine pointed, detachable tip . . . . .	net 7.50



S/-1124

### Operating Table (St. Luke's Hospital Pattern)

The lower frame is of tubular steel with full width drainage trough, arranged for introducing towels to protect the operator from wetting.

The foot end drops back for plastic work and permits the use of a weighted speculum or retractor.

The table frame is white enameled. The fittings are nickel-plated.

The top is fitted with polished plate glass  $\frac{5}{8}$ -inch thick, edges beveled and polished.

The rack and pinion adjustment with worm of milled tool-steel affords the greatest possible strength.

The bridge for supporting the patient during operations on the kidney or gall-bladder can be adjusted to any desired height or can be removed entirely and is fitted with Cunningham attachment.

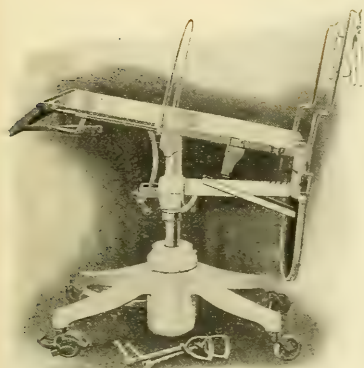
By means of the side wheel the anaesthetizer easily adjusts top of table to any degree of elevation for the Trendelenburg posture, or the reverse depression at foot end for the Hartley or Fowler posture. Foot end may be adjusted to any angle to relieve strain at knees.

The attachments include adjustable heel stirrups, leg holders, shoulder supports and etherizer's screen, all of which are nickel-plated and mounted in strong adjustable sockets. The perineal instrument tray when placed in lower sockets also serves as a foot rest in the Hartley posture. The instrument tray on the swinging bracket is detachable. A side table, not shown in the illustration, is also available.

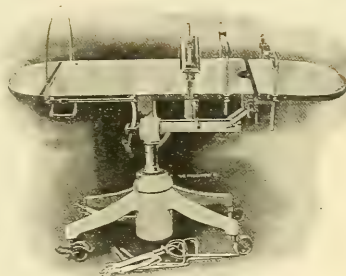
Wheels are four inches in diameter, with heavy rubber tires, and are fitted with brakes to hold table stationary while in use.

Dimensions of Top: 72 inches long, 18 inches wide,  $35\frac{1}{2}$  inches high.

	Each
S/-1124 Operating Table.....	\$ 225.00
Packing.....	2.00
S/-1125 Operating Table. Same as S/-1124 except the top is of nicalloy metal.....	235.00
Packing.....	2.00



S/-1138



S/-1139

### Operating Table, Mayo's Modification

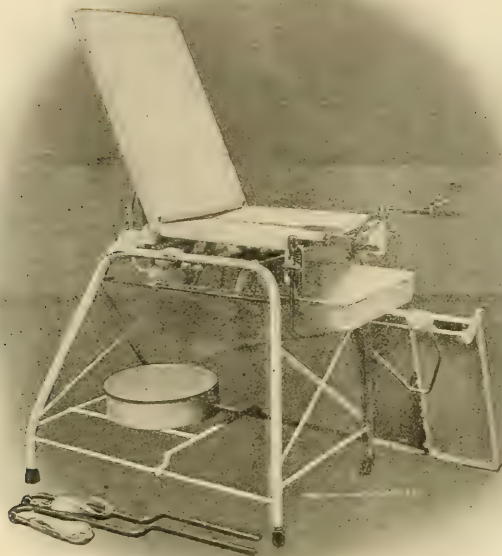
This model of operating table is mounted on a heavy metal base. The top can be raised or lowered by means of a reliable oil pump worked by a foot lever. The top revolves and may be tilted laterally, either to the right or the left. It will give a very steep Trendelenburg posture as well as the reverse Trendelenburg. The head end is hinged and gives superior facilities of position for goitre operations; the foot end drops down for plastic work.

The top is of nicalloy. The base is white enameled or aluminum bronzed, mounted on four-inch rubber-tired wheels, two having floor brakes to hold the table steady while in use.

The fittings comprise nickel-plated shoulder supports, leg holders, heel stirrups, etherizer's screen, wristlets to prevent the arms from dropping and four limb supports as shown in the cut.

Dimensions: 78 inches long, 20 inches wide, adjustable from 32 to 38 inches in height.

	Each
S/-1138 Operating Table .....	\$ 300.00
Packing .....	2.50
S/-1139 Operating Table. Same as S/-1138, but with kidney elevating bridge, for kidney and gallbladder work .....	330.00
Packing .....	2.50
*S/-1140 Operating Table. Same as S/-1139, with the addition of a special bridge for the neck and shoulders, for use in goitre operations, as modified by Dr. George W. Crile, of Cleveland, O. ....	360.00
Packing .....	2.50



S/-1143-45

### Examining and Operating Table, Counter Balance Model

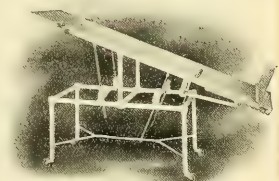
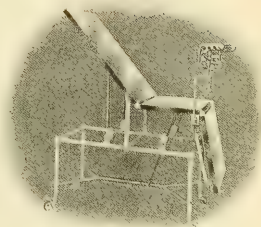
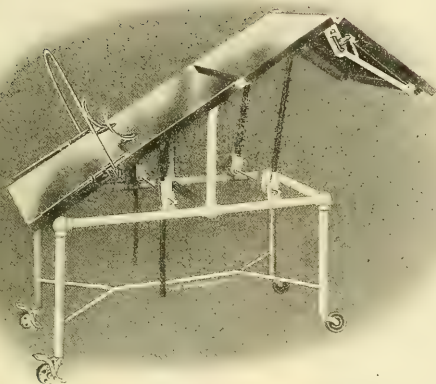
An inexpensive, yet serviceable, table for all-around work. Frame made of tubular wrought steel. Top in three sections, easily adjusted to the Trendelenburg posture and secured automatically by counter-balance weights. The foot end may be adjusted to any angle to prevent cramping the knees. Foot end is detachable for cystoscopic and general examinations. Drainage trough may be drawn out to suit the requirements. The seat has a center drainage slot and U-shaped recess in front, permitting free use of speculum or retractor.

Fittings comprise sliding heel stirrups and leg holders with adjustable sockets, nickel-plated. Two legs are fitted with noiseless casters, the others with heavy rubber floor tips. Metal top, white enameled, hard baked.

Dimensions of top: 72 inches long, 18 inches wide, height from floor 33 inches.

	Each
S/-1143 Examining and Operating Table .....	\$55.00
S/-1144 The same table but with polished plate glass top .....	80.00
S/-1145 The same table but with nicalloy top .....	90.00
*S/-1150 Adjustable Shoulder Rests.....	5.00
*S/-1153 Steel Step.....	6.00
*S/-1155 Sims' Attachment.....	7.50
*S/-1158 Bierhoff's Arm Rest for Cystoscopy.....	5.00
*S/-1159 Cushion.....	6.00
Packing.....	1.50





S/-1165-66

### Operating Table, the K.-S. Co. Universal Model

This unique table meets every requirement of the modern surgeon. Top is covered with nicalloy, and is hinged near the center to maintain a uniform height, regardless of adjustment. Table frame is of tubular steel, white enameled. It is quickly adjusted to the Trendelenburg, Hartley or Fowler posture. For kidney and gall-bladder operations the top breaks so as to elevate the patient and support the full length of the body. For genito-urinary specialists, the table can be adjusted to chair posture with short seat, to keep patient well forward or top can be extended to full 72 inches length. Nickel-plated fittings comprise plain leg holders, heel stirrups, shoulder supports, etherizer's screen and perineal instrument tray. The four-inch rubber tired wheels equipped with brakes hold table stationary while in use.

Dimensions: 72 inches long, 22 inches wide, 33 inches high.

	Each
S/-1165 Operating Table .....	\$ 150.00
Packing .....	2.00
S/-1166 Operating Table, the same as S/-1165, except that the top is of white enameled steel instead of nicalloy .....	125.00
Packing .....	2.00
*S/-1287 Knee Crutches, Bierhoff's (as shown in upper right-hand cut), nickel-plated, with swivel joint, permitting universal adjustment; additional .....	15.00



S/-1351-53



S/-1430-36

### Stools

- S/-1351 Stool, with revolving seat. It has a white enameled reinforced frame with four legs fitted with heavy rubber floor tips. The seat is 13 inches in diameter and adjustable in height from 19 to 25 inches. . . . . \$ 6.00
- S/-1353 Stool, same as S/-1351, with seat adjustable in height from 25 to 31 inches. . . . . 6.00

### Tables for Instruments and Dressings

The corner posts are tubular steel, all joints are securely riveted and smoothly finished. These tables are white enameled and mounted on heavy rubber floor tips.

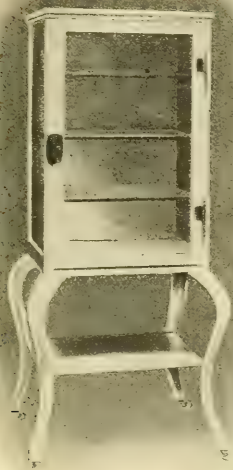
S/-1430. This has both top and shelf of white porcelain enameled iron.

S/-1431. This has both top and shelf of white porcelain enameled steel.

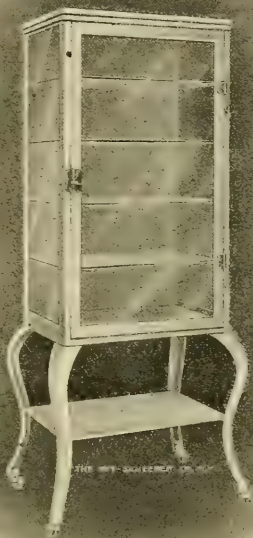
S/-1435. This has top only of white porcelain enameled iron.

S/-1436. This has top only of white porcelain enameled steel.

Dimensions of Top in inches:	S/-1430 Each	S/-1431 Each	S/-1435 Each	S/-1436 Each
16 x 30.....	\$ 23.00	\$ 13.50	\$ 16.00	\$ 11.25
18 x 33.....	24.00	16.00	16.50	13.50
20 x 36.....	30.00	20.00	21.50	15.25
24 x 36.....	33.00	22.50	22.50	16.50
20 x 48.....	42.00	27.00	30.00	22.00
24 x 60.....	53.00	35.00	40.00	25.00
Set of strong rubber tired casters instead of floor tips. Per set.....				2.00
Packing.....				1.00



S-1660



S-1662

### Instrument Cabinets

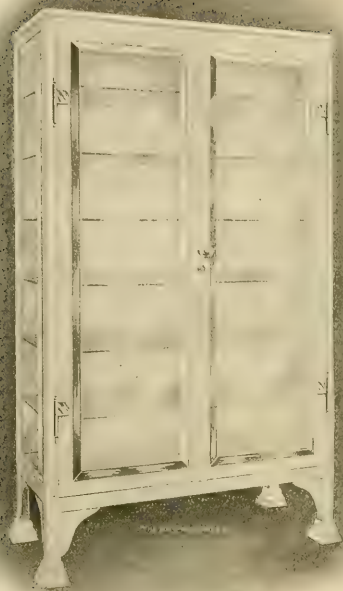
The frame is of wrought steel, white enameled, joined and welded at the corners. There are no sharp corners inside to catch dirt. There are three polished plate-glass shelves with polished edges and the door and sides are set with crystal glass.

The hinges and lock are nickel-plated and the door locks automatically. The cabinet is mounted on a stand 24 inches high and has a steel shelf.

Dimensions: 20 inches wide, 16 inches deep, 32 inches high. Total height is 56 inches.

		Each
S/-1660	Instrument Cabinet .....	\$ 55.00
	Packing.....	2.00
S/-1662	The same in general as S/-1660 but it has four polished plate-glass shelves. Total height 66 inches. Dimension of cabinet: 24 inches wide, 16 inches deep, 42 inches high.....	65.00
	Packing.....	2.00
*S/-1664	The same as S/-1662 but with six polished plate-glass shelves, and beveled plate-glass sides and doors. Dimensions: 24 inches long, 16 inches deep, 48 inches high, total height 72 inches.....	100.00
	Packing.....	2.00

KNY SCHEERER CO.



S/-1692-96

### Instrument Cabinets

This white enameled cabinet is mounted on a base containing concealed casters. Its frame is made of round drawn angle steel, with welded joints, and the back, top and bottom are also of steel. The inside corners are filled, hence it is easily cleaned. The sides and doors are set with beveled French plate-glass, and the shelves are of polished plate-glass with polished edges. The doors have a Yale lock, and concealed sliding bolts secure them at the top, bottom and center.

In the bottom there is a compartment for dessication and disinfection and an attractive hygrometer shows the atmospheric condition within the cabinet. The hinges and knobs are nickel-plated.

	Each
S/-1692 Instrument Cabinet, 30 inches wide, 16 inches deep, 60 inches high.....	\$ 145.00
S/-1693 Instrument Cabinet, 36 inches wide, 16 inches deep, 72 inches high.....	170.00
S/-1694 Instrument Cabinet, 40 inches wide, 18 inches deep, 72 inches high.....	180.00
Packing.....	4.00
S/-1696 Instrument Cabinet, constructed of steel with rounded corner frame the same as S/-1694, except that it is fitted with plate-glass in the top, bottom, sides and doors and back. A plate-glass partition divides it into two separate compartments, with independent doors, each fitted with a Yale lock and concealed sliding bolts locking top, bottom and center. The cabinet has six plate-glass shelves, 40 inches wide, 18 inches deep, 72 inches high.....	250.00
A slanting-top hood can be supplied with either of the above cabinets at an additional cost of ..	20.00
Packing.....	4.00

KAY-SCHNEIDER CO.





S/-2401-21



S/-2423-25

### Bedside Tables

These excellent tables are made of one piece round drawn angle steel corner posts, with claw corners at the top and tapering at the bottom, securely braced by two frames, white enameled, and fitted with rubber floor tips. They are strong—light—easily cleaned.

The edges of the glass tops are smooth ground and polished.

Dimensions: 19 inches long, 15 inches wide, 31 inches high.

	Each
S/-2401 White alabaster glass top and white enameled steel shelf . . . . .	\$ 8.00
S/-2403 White alabaster top and shelf . . . . .	10.00
S/-2406 Polished plate-glass top, 1/2-inch thick and white enameled steel shelf . . . . .	8.00
S/-2411 Polished plate-glass top and shelf . . . . .	10.00
S/-2414 Unpolished plate-glass top, 1/2-inch thick and white enameled steel shelf . . . . .	6.00
S/-2417 Unpolished plate-glass top and shelf . . . . .	8.00
S/-2421 White enameled steel top and shelf . . . . .	6.00
Dimensions: 20 inches long, 16 inches wide, 30 inches high.	
S/-2423 Nicalloy top and shelf . . . . .	12.00
S/-2425 White porcelain enameled top and enameled steel shelf . . . . .	7.50
Packing . . . . .	.30



S/-2600



S/-2602

### Chairs

- |         |  |                 |
|---------|--|-----------------|
| S/-2600 | Roosevelt Hospital pattern. This is made of seamless iron pipe with all the joints riveted and welded, white enameled, and fitted with rubber floor tips. The back frame and legs are very strong, being of a single piece. The seat and back are sheet steel..... | Each<br>\$ 6.50 |
| S/-2602 | Boston City Hospital pattern. This pattern has a heavy stamped steel seat, broad spring steel bands in the back frame, is white enameled and fitted with rubber floor tips.....  | 7.25            |

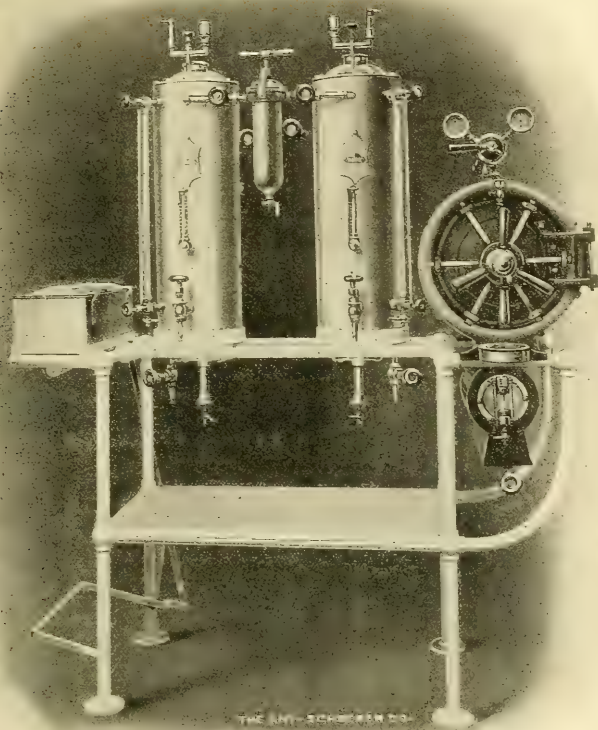


S/-2604



S/-2608

- |         |   |                |
|---------|---|----------------|
| S/-2604 | King's County Hospital pattern. The legs are attached by means of strong sockets to the heavy iron ring that secures the heavy perforated steel seat. The back frame and rear legs are of one piece, making this chair very durable. The chair is white enameled and fitted with rubber floor tips..... | Each<br>\$7.25 |
| S/-2608 | U. S. Naval Hospital Standard. The strong, seamless pipe frame is attached to the heavy sheet steel seat with a reinforcing ring. The back has two broad spring steel bands. This chair has commodious arm rests, is white enameled and fitted with rubber floor tips.....                              | 8.25           |
|         | Packing.....  | .25            |



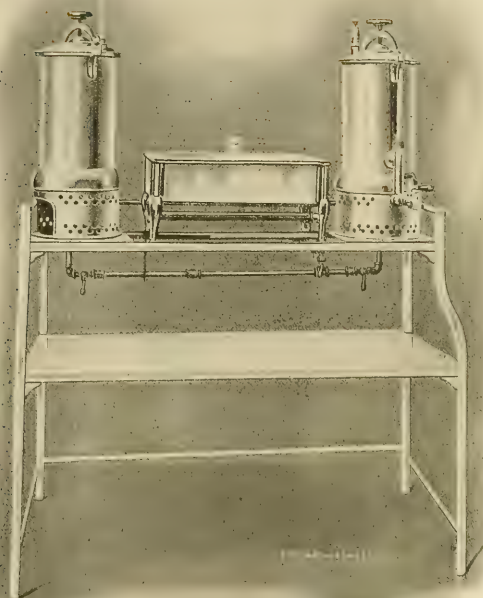
S/-6919

### Combination Sterilizing Outfit

Designed for small hospitals and for emergency and dressing rooms. Mounted all on one stand with all gas burners connected to a T-fitting requiring only one connection with the gas supply pipe. Water supply to filter and cooling coil are connected to a T-fitting requiring only one connection to the water supply pipe. Apparatus all nickel-plated. Stand white enameled. Instrument sterilizer, dimensions: 16x8x6. Dressings sterilizer, dimensions: 10x20. Water sterilizers, capacity of each tank, 6 gallons.

Dimensions of Stand: 52 inches long, 27 inches wide.

	Each
Gas heated.....	\$ 465.00
Petroleum heated.....	500.00
Alcohol heated.....	530.00



S/-6932

### Combination Sterilizing Outfits

Designed for sanatoria and surgeons' office use. The outfit is compact and presents a handsome appearance. Both dressings and water are sterilized under 2 to 3 pounds pressure. The apparatus is handsomely nickel-plated and comprises:

Instrument Sterilizer, seamless,  $16\frac{3}{4} \times 7\frac{1}{4} \times 4$  inches.

Dressings Sterilizer,  $9\frac{1}{2}$  inches diameter, 20 inches high.

Water Sterilizer, 7 quarts capacity.

	Each
Gas heated .....	\$ 130.00
Petroleum heated .....	145.00
Alcohol heated .....	145.00

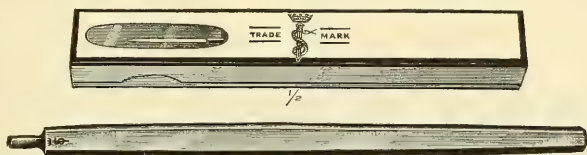
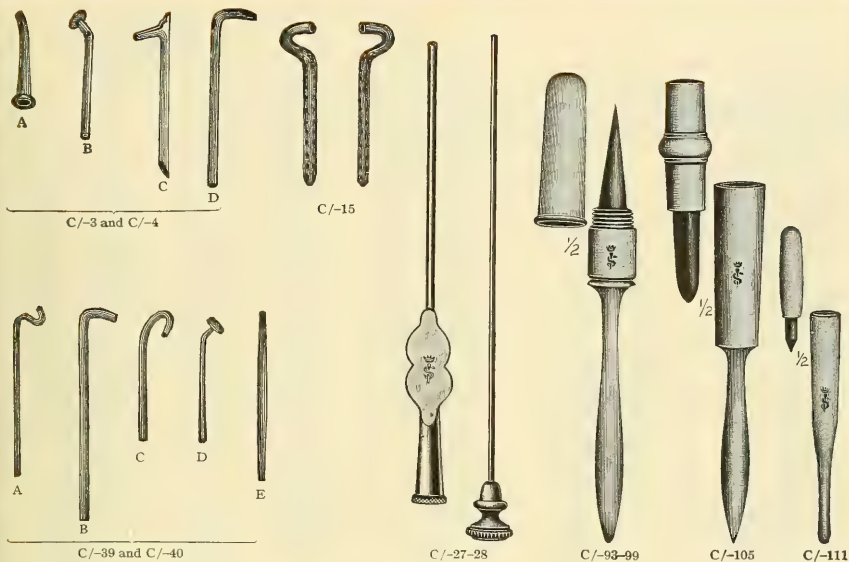


## *Section Three*



Eye, Ear, Nose, Trachea  
Tonsil, Throat, Mouth, Bronchus, Esophagus  
and Stomach Instruments  
Dental Instruments





All eye instruments are furnished with German Silver Handles, as shown in illustration (actual size). Each instrument is packed in an individual box, with window showing blade in full view, and sealed. Knives and cutting instruments are carefully honed by an expert before packing, giving absolute assurance that the instrument is in perfect condition and ready for use.

### Canulae and Styles

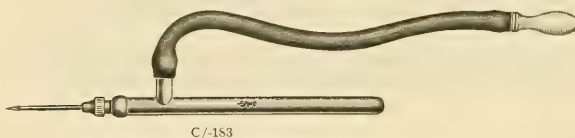
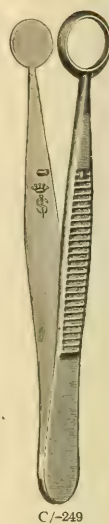
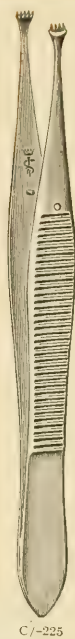
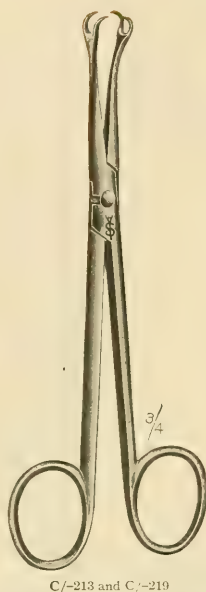
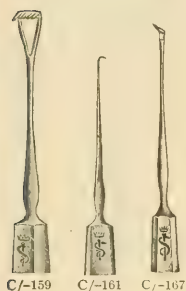
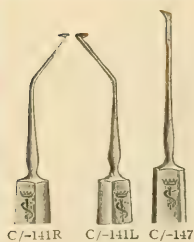
	Each
C/- 3 Lachrymal Canulae, Figs. A, B, C and D, plated..	\$ .30
C/- 4 Lachrymal Canulae, Figs. A, B, C and D, silver..	.45
C/- 15 Prince's Lachrymal Canulae.....	.50
C/- 27 De Wecker's Lachrymal Canula, plated.....	.75
C/- 28 De Wecker's Lachrymal Canula, silver.....	1.25
C/- 39 Lachrymal Styles, Figs. A, B, C, D and E, plated	.25
C/- 40 Lachrymal Styles, Figs. A, B, C, D and E, silver.	.35

### Caustic Holders

	Each
C/- 93 Caustic Pencil, with alum cone.....	\$ .35
C/- 99 Caustic Pencil, with sulphate of copper cone.....	.35
C/- 105 Caustic Pencil, with pyoktanin cone.....	.75
C/- 111 Caustic Pencil, with nitrate of silver cone.....	.35

### Cystotomes

	Each
C/- 121 Beard's.....	1.25
C/- 125 Fox's, double, shanks and ends gold-plated.....	2.00
C/- 129 Graefe's.....	1.25



### Cystotomes

(Continued)

	Each
C/-141 Knapp's, angular bent, right or left.....	\$ 1.25
C/-147 Knapp's Knife Needle.....	1.25
C/-159 Perrin's.....	1.50
C/-161 Plain, needle point.....	1.25
C/-165 Wecker's, double, pincer shape.....	3.50
C/-167 Wilder's.....	1.25

### Extraction Instruments

C/-183 Bowman's Aspirator, for soft cataract.....	2.00
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### Enucleation Forceps

C/-207 Blitz's.....	3.00
C/-213 Vulsellum Forceps, straight.....	1.50
C/-219 Vulsellum Forceps, curved on flat.....	1.50
C/-225 Schmidt-Rimpler's, for seizing the bulbous.....	1.50

### Lid Forceps—Chalazion, Entropium, Trichiasis

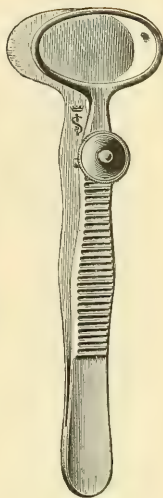
C/-249 Ayer's, for chalazion.....	1.50
C/-253 Beard's Lid Clamp.....	2.00



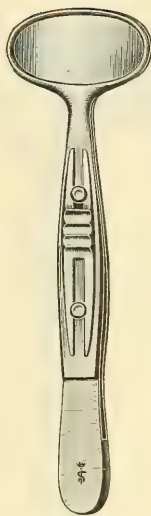




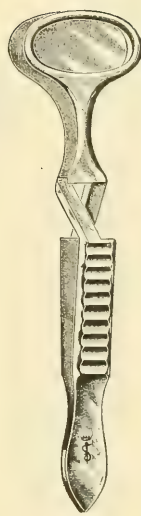
C/-261



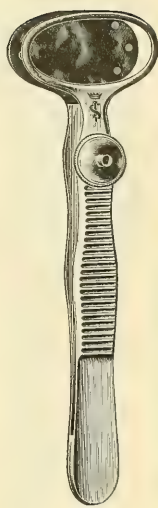
C/-273



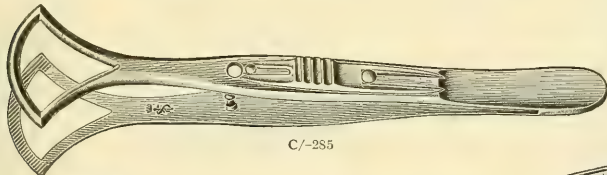
C/-275



C/-277



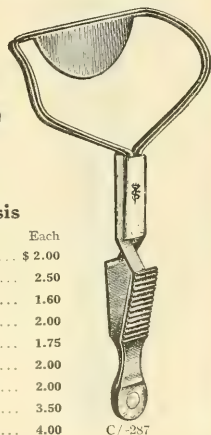
C/-279



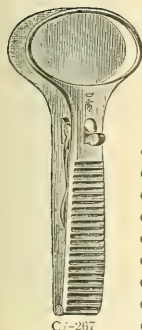
C/-285



C/-288



C/-287



C/-267

### Lid Forceps—Chalazion, Entropium, Trichiasis

(Continued)

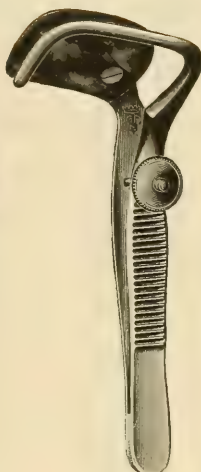
	Each
C/-261 Cross-bar, chalazion .....	\$ 2.00
C/-267 Denis', chalazion .....	2.50
C/-273 Desmarres', chalazion, with metal plate.....	1.60
C/-275 Desmarres', chalazion, with metal plate, slide catch.....	2.00
C/-277 Desmarres', chalazion, with metal plate, cross-action.....	1.75
C/-279 Desmarres', chalazion, with shell plate.....	2.00
C/-285 Desmarres', entropium, slide catch .....	2.00
C/-287 Ewing's Lid Clamp, cross-action .....	3.50
C/-288 Falta's, entropium, slide catch.....	4.00



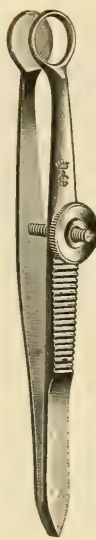
C/-289



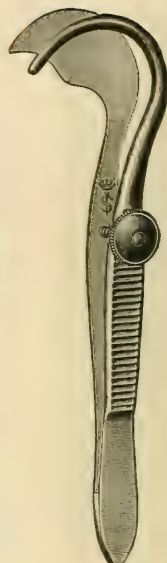
C/-293



C/-303



C/-313



C/-315

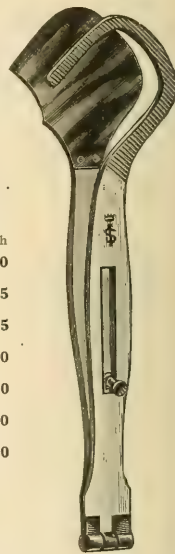


C/-321

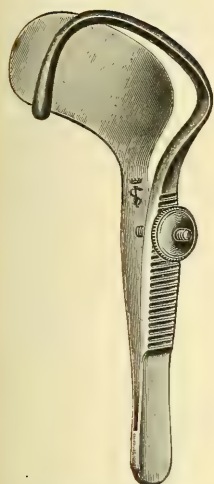
### Lid Forceps—Chalazion, Entropium, Trichiasis

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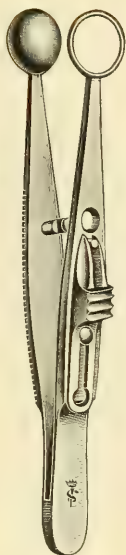
	Each
C/-289 Francis', chalazion.....	\$ 2.50
C/-293 Hunt's.....	2.25
C/-303 Knapp's, entropium, right or left.....	2.25
C/-313 Lambert's, chalazion.....	2.50
C/-315 Lawrence's, entropium, right or left.....	2.00
C/-321 Noyes', entropium, for both sides.....	2.00
C/-327 Prout's, entropium, reversible.....	2.50



C/-327



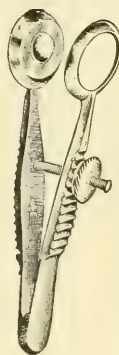
C/-339



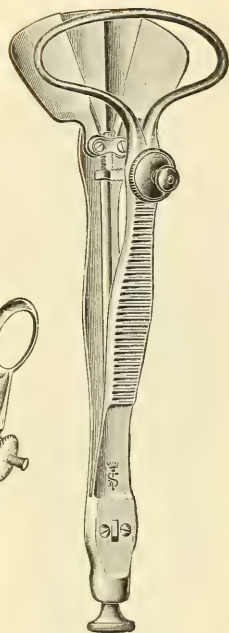
C/-341



C/-343



C/-349



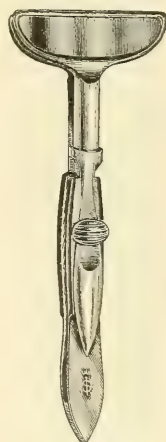
C/-357



C/-355



C/-375



C/-361

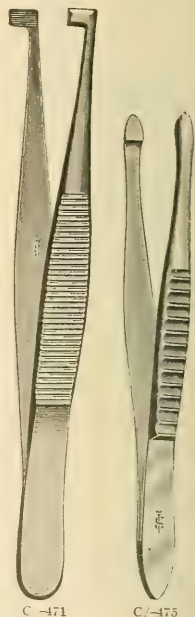
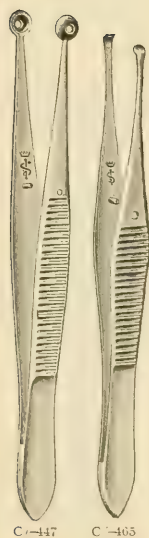
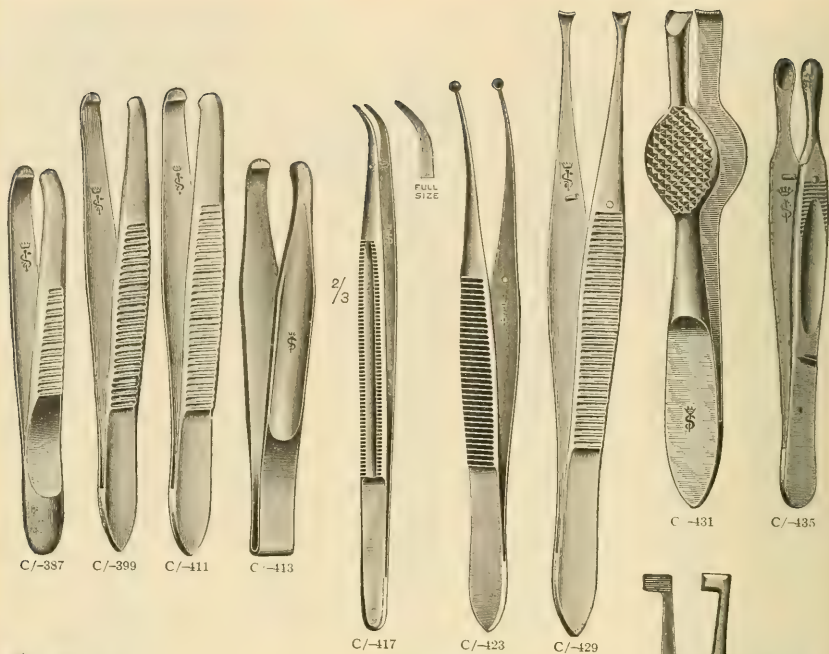
### Lid Forceps—Chalazion, Entropium, Trichiasis

(Continued)

	Each
C/-339 Snellen's, entropium, right or left.....	\$ 2.00
C/-341 Spencer's, chalazion, slide catch.....	2.50
C/-343 Starkey's, chalazion, cross-action.....	2.50
C/-349 Wiener's, chalazion.....	2.50
C/-355 Wilder's, entropium.....	2.00
C/-357 Warlomont's, entropium.....	6.50
C/-361 Ziegler's Lid Clamp.....	3.00

### Ptosis Forceps

C/-375 Sichel's Ptosis Forceps.....	.75
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### Cilia Forceps

	Each
C/-387 Plain, short.....	\$ .35
C/-399 Fine, with narrow points.....	.40
C/-411 Fine, with broad points.....	.40
C/-413 Aesculapius pattern, $2\frac{3}{4}$ inches.....	.35
C/-417 Allport's.....	1.25
C/-423 Bloemer's, cup-shaped.....	1.25
C/-429 Brecht's, with concave points.....	1.25
C/-431 Down's.....	1.25
C/-435 Gruening's, with scoop-shaped jaws....	1.25
C/-441 Henry's.....	2.00
C/-447 Himly's.....	1.50
C/-465 May's.....	1.50
C/-471 Piffard's.....	1.00
C/-475 Ziegler's.....	.50





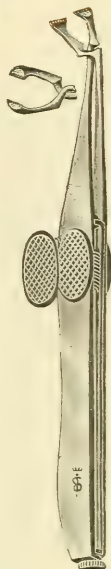
C/-487



C/-489



C/-490



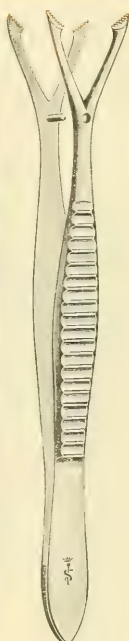
C/-491



C/-493



C/-495



C/-497



C/-498

### Fixation Forceps

	Each
C/-487 Plain Fixation or Tissue Forceps, with 1 and 2 teeth .....	\$ 1.00
C/-489 Fixation Forceps, plain, without catch .....	1.00
C/-490 <b>Barr's</b> Fixation Forceps .....	1.75
C/-491 <b>Beard's</b> Fixation Forceps .....	4.00
C/-493 <b>Donberg's</b> Fixation Forceps, spring catch .....	1.75
C/-495 <b>Dudley's</b> Fixation Forceps .....	2.50
C/-497 <b>Ewing's</b> Fixation Forceps .....	3.00
C/-498 <b>Fox's</b> Fixation and Ligature Forceps .....	1.75



C/-499



C/-501



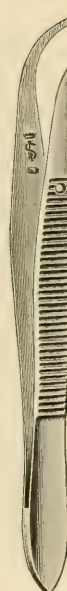
C/-505



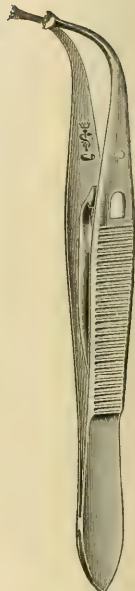
C/-506



C/-511



C/-513



C/-519



C/-509

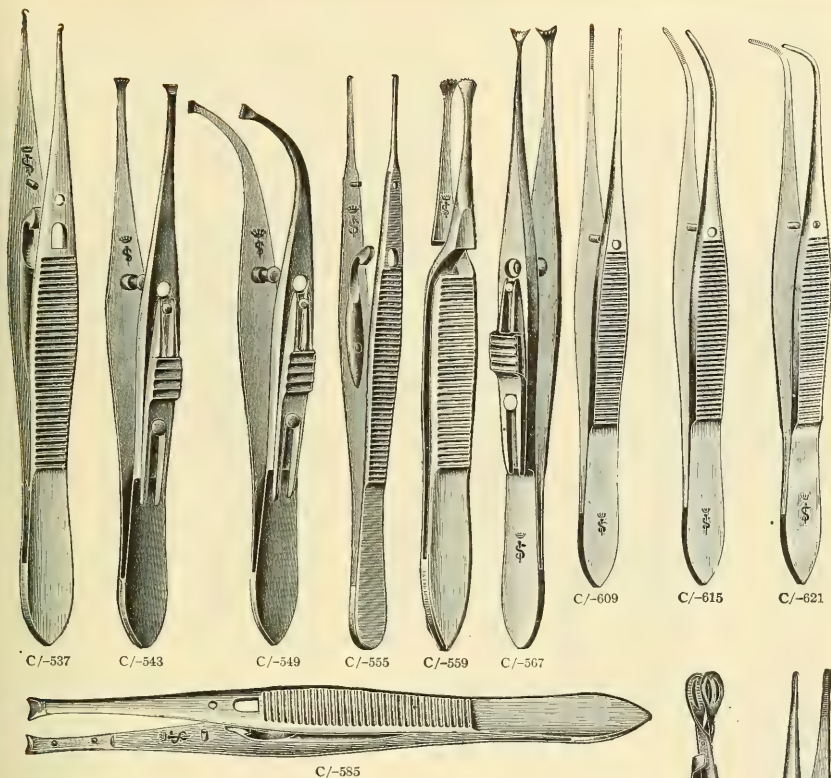


C/-530

### Fixation Forceps

(Continued)

	Each
C/-499 Gifford's, spring catch.....	\$ 1.75
C/-501 Graefe's, spring catch.....	1.25
C/-505 Greene's, for Indian operation, with 1 and 2 teeth.....	1.10
C/-506 Greene's, for Indian operation, with 2 and 3 teeth.....	1.25
C/-509 Harman's, 3 inches long.....	1.25
C/-511 Non-magnetic, for use with eye magnet.....	1.75
C/-513 Noyes', curved, plain.....	1.25
C/-519 Noyes', curved, with spring catch.....	1.50
C/-530 Prince's.....	1.75



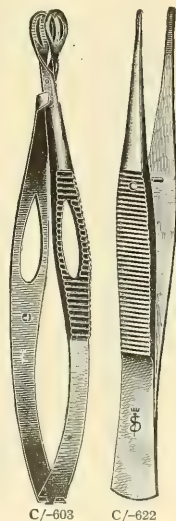
### Fixation Forceps

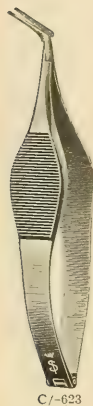
(Continued)

	Each
C/-537 De la Roza's	\$ 1.50
C/-543 Schweigger's, straight, with slide catch	1.75
C/-549 Schweigger's, curved, with slide catch	2.00
C/-555 Stevens'	1.75
C/-559 Vacher's, cross-action	1.75
C/-567 Waldau's, slide catch	1.75
C/-585 Wecker's, with ivory tips	2.25

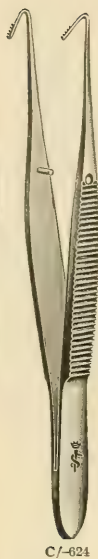
### Foreign Body Forceps

C/-603 Oval, fenestrated	2.50
C/-609 Straight, with serrated tips	.80
C/-615 Half-curved, with serrated tips	.90
C/-621 Full-curved, with serrated tips	.90
C/-622 Non-magnetic Dressing Forceps, for use with eye magnet	1.25





C/-623



C/-624



C/-625



C/-627



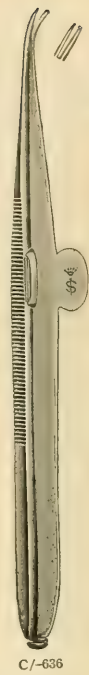
C/-633



C/-634



C/-635



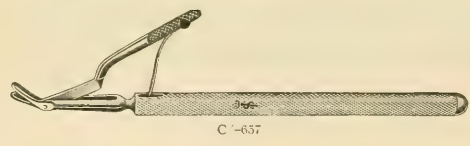
C/-636



C/-639



C/-645



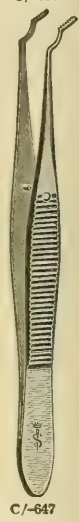
C/-647

### Capsular Forceps

	Each
C/-623 Francis', with 4 and 4 teeth.....	\$ 4.00
C/-624 Fisher's.....	2.00
C/-625 Fuchs', with 4 and 4 teeth.....	1.50
C/-627 Graefe's.....	1.00
C/-633 Knapp's.....	4.00
C/-634 Knapp's, improved pattern.....	5.00
C/-635 Mathieu's, for use in Indian operation.....	1.00
C/-636 Pana's, with fine or heavy teeth.....	4.00
C/-639 Schweigger's.....	1.50
C/-645 Smith's.....	5.00
C/-647 Terson's.....	2.25

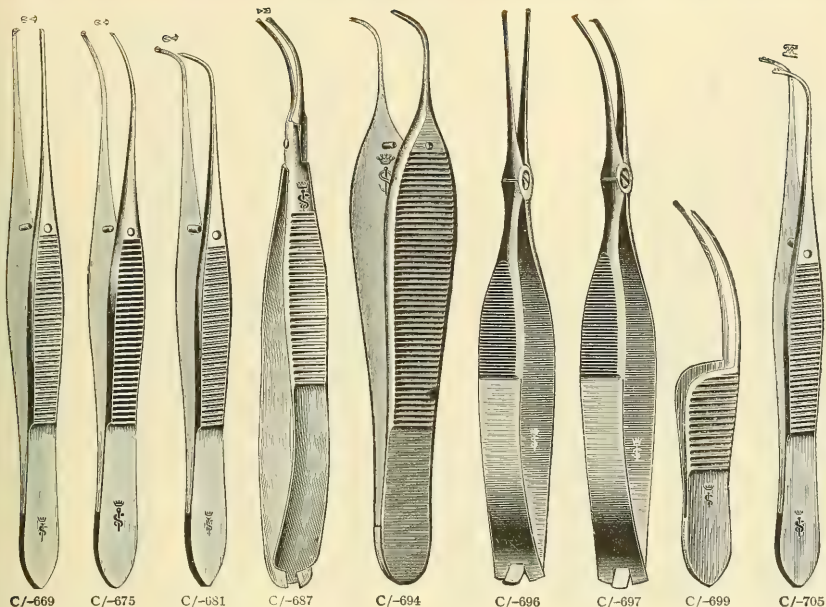
### Capsular Punch

C/-657 Stevenson's Capsule Punch.....	10.00
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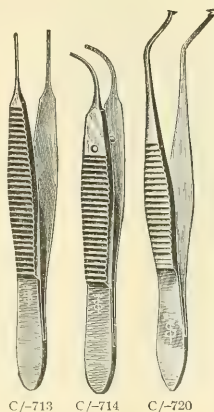
C/-647





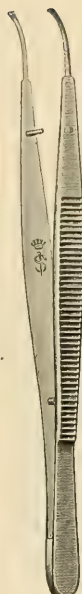
### Iris Forceps for Cataract Extraction

	Each
C/-669 Plain, with mouse teeth, straight.....	\$ .90
C/-675 Plain, with mouse teeth, half-curved.....	1.00
C/-681 Plain, with mouse teeth, full-curved.....	1.00
C/-687 Collin's.....	2.50
C/-694 Donberg's.....	1.40
C/-696 Dowell's, 1 and 2 teeth, straight.....	2.50
C/-697 Dowell's, 1 and 2 teeth, curved.....	2.50
C/-699 Fisher's.....	1.25
C/-705 Foerster's.....	1.25
C/-711 Graefe's, angular.....	1.00
C/-713 Graefe's, delicate pattern, straight, 2½ inches.....	1.00
C/-714 Graefe's, delicate pattern, curved, 2½ inches.....	1.00
C/-720 Hess', new pattern, 2¾ inches.....	1.50
C/-735 Liebreich's, improved pattern.....	4.25





C/-741



C/-747



C/-771



C/-773



C/-775



C/-783



C/-786



C/-788

### Iris Forceps for Cataract Extraction

(Continued)

Each

C/-741 Stevens' Tendon Forceps, straight . . . . \$ 1.00

C/-747 Stevens' Tendon Forceps, curved . . . . 1.25

### Advancement Forceps

C/-771 Fisher's . . . . . 1.75

C/-773 Fox's, serrated . . . . . 1.50

C/-775 Hotz's, slide catch . . . . . 2.00

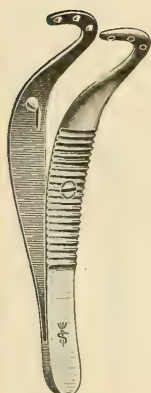
C/-778 Jewell's . . . . . 2.50

C/-783 Prince's . . . . . 1.75

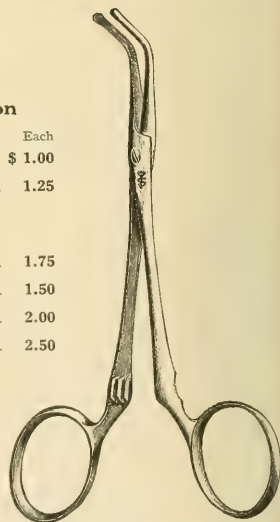
C/-786 Reese's . . . . . 3.25

C/-787 Stevenson's . . . . . 3.25

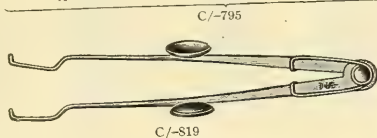
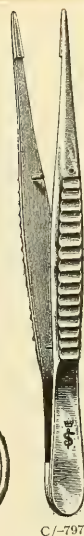
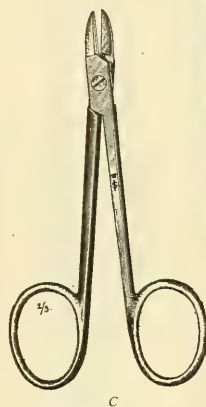
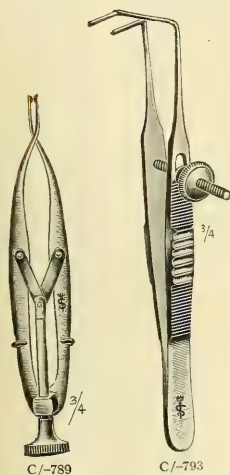
C/-788 Worth's . . . . . 3.25



C/-787



C/-778



### Tenotomy Instruments

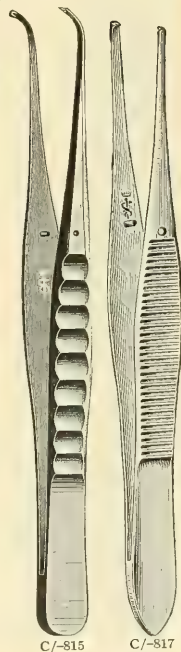
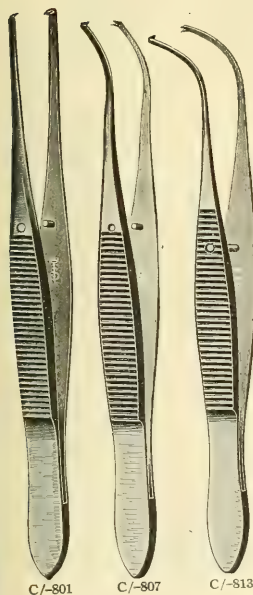
	Each
C/-789 Todd's Tendon Tucker.....	\$ 3.50
C/-793 Greene's Tendon Tucker, right or left...	2.50
C/-795 Briggs' Tendon-Shortening Instruments, set of 3.....	10.00
C/-797 Mule's Suture Forceps.....	1.25

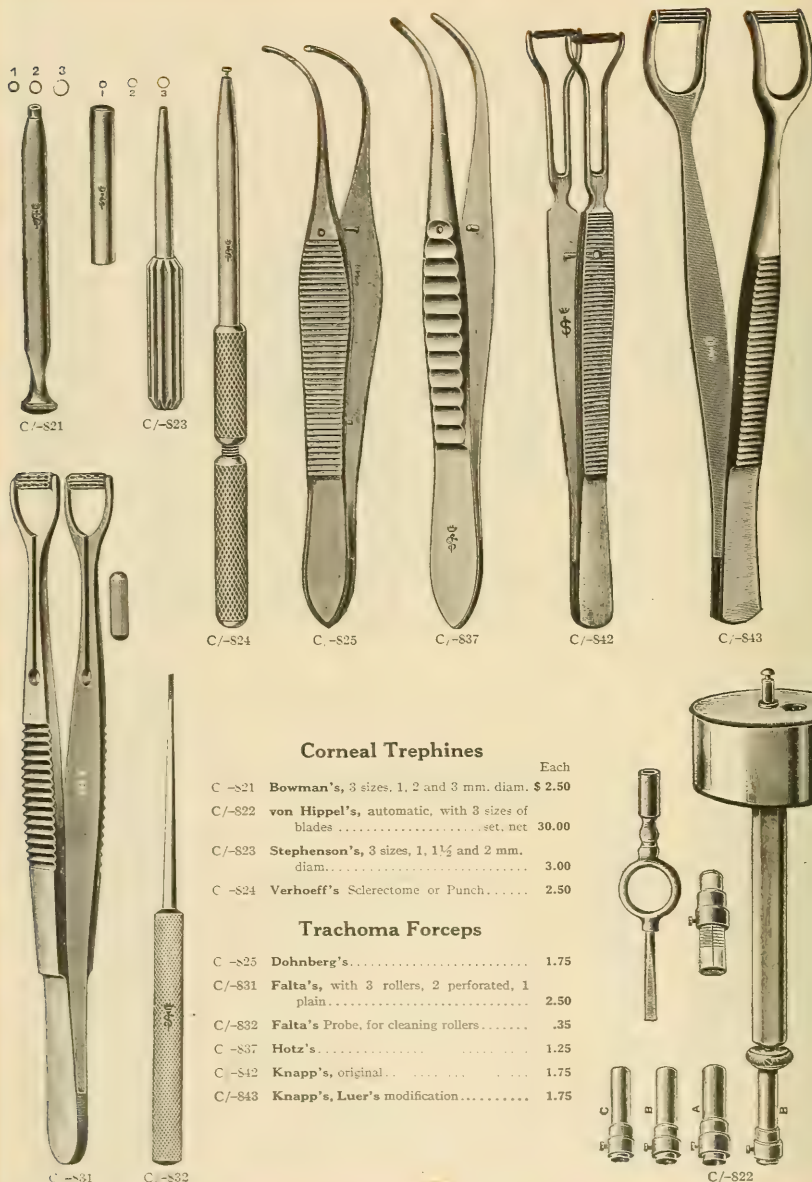
### Strabismus Forceps

C/-801 Straight, with mouse teeth, stout.....	1.00
C/-807 Half-curved, with mouse teeth, stout ....	1.00
C/-813 Full-curved, with mouse teeth, stout.....	1.00
C/-815 Landolt's.....	1.50
C/-817 Non-magnetic Tissue Forceps, for use with eye magnet.....	1.50

### Strabismus Hooks

C/-819 Valk's Double Strabismus Hook .....	2.50
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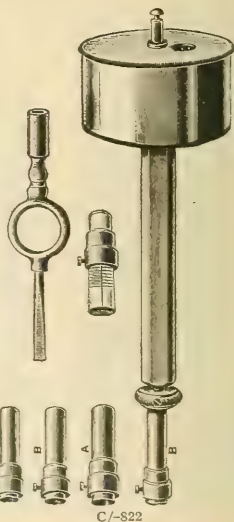


### Corneal Trephines

	Each
C/-S21 Bowman's, 3 sizes, 1, 2 and 3 mm. diam.	\$ 2.50
C/-S22 von Hippel's, automatic, with 3 sizes of blades	set, net 30.00
C/-S23 Stephenson's, 3 sizes, 1, 1½ and 2 mm. diam.	3.00
C/-S24 Verhoeff's Sclerectome or Punch	2.50

### Trachoma Forceps

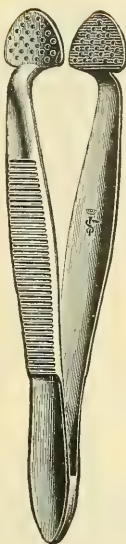
C/-S25 Dohnberg's	1.75
C/-S31 Falta's, with 3 rollers, 2 perforated, 1 plain	2.50
C/-S32 Falta's Probe, for cleaning rollers	.35
C/-S37 Hotz's	1.25
C/-S42 Knapp's, original	1.75
C/-S43 Knapp's, Luer's modification	1.75



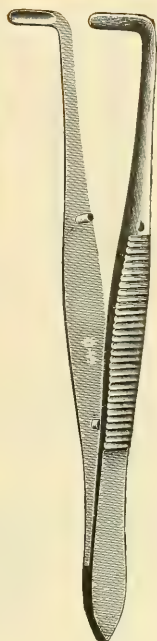




C/-847



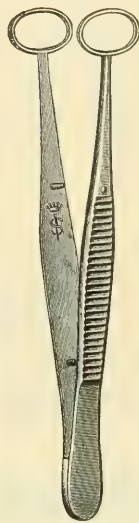
C/-848



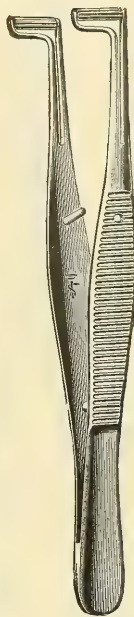
C/-855



C/-861



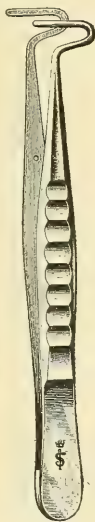
C/-867



C/-871



C/-876

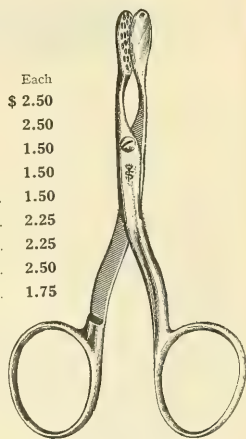


C/-877

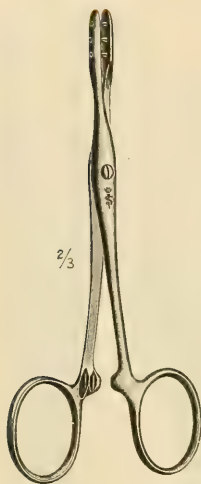
### Trachoma Forceps

(Continued)

	Each
C/-847 Kuhnt's.....	\$ 2.50
C/-848 Kuhnt's, latest pattern.....	2.50
C/-855 Noyes'.....	1.50
C/-861 Noyes', oval blade.....	1.50
C/-867 Prince's.....	1.50
C/-871 Rust's, angular.....	2.25
C/-874 Stevenson's.....	2.25
C/-876 Tweedy's, cross-action.....	2.50
C/-877 Tyrrell's, for angle of lid.....	1.75



C/-874



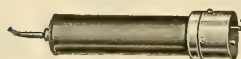
C/-878



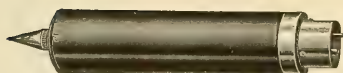
C/-879



C/-903



G/-709



G/-721



G/-701-5

### Grattage Forceps

	Each
C/-878 Darrier's.....	\$ 1.75
C/-879 Weeks'.....	2.50

### Magnetic Probe

C/-903 Luer's Magnetic Probe.....	1.35
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## Electro-Magnets

**Haab's "Giant."** This is constructed to concentrate the magnetic lines of force at the operative tip. It is mounted on a heavy iron pedestal with a circuit-breaker and foot switch, complete with five extra operating tips, lifting power about 500 pounds.

G/-701 For 110 volts, direct current, consuming 9.5 ampères.....	200.00
G/-705 For 220 volts, direct current, consuming 4.75 ampères.....	225.00

**Hirschberg's Small Model**, with 5 operating points of various shapes, lifting power 7 pounds.

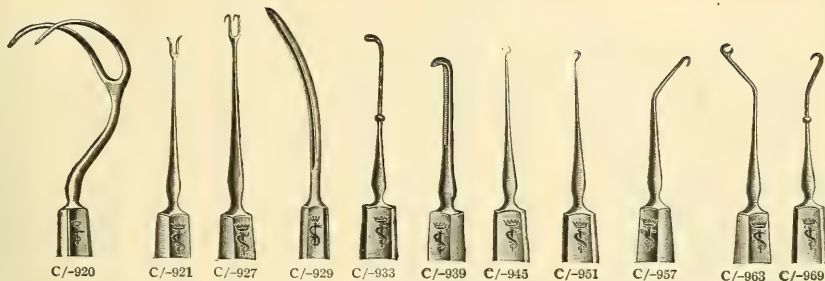
G/-709 For 110 volts, direct current, consuming 0.2 ampères.....	12.00
G/-713 For 220 volts, direct current, consuming 0.1 ampères.....	15.00
G/-717 For battery circuit, 4 volts, consuming 5.0 ampères.....	10.00

**Hirschberg's Large Model**, with 5 operating points of various shapes, lifting power 35 pounds.

G/-721 For 110 volts, direct current, consuming 0.35 ampères.....	22.50
G/-725 For 220 volts, direct current, consuming 0.1 ampères.....	24.00
G/-729 For battery circuit, consuming 8 ampères.....	20.00

Note—Electro-Magnets operate from the direct currents only; where the public service is alternating, a Chemical Transformer can be supplied to make a satisfactory installation.

G/-733 Chemical Transformer and Rheostat for Hirschberg's Electro-Magnets.....	20.00
G/-737 Chemical Transformer and Rheostat for Haab's Electro-Magnets.....	40.00



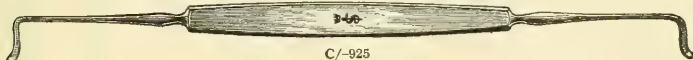
Half Size



Handle for Eye Instruments, actual size



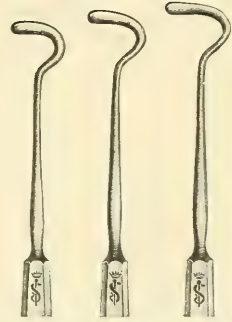
All eye instruments are furnished with German Silver Handles as shown in illustration (actual size). Each instrument is packed in an individual box with window showing blade in full view, and sealed. Knives and cutting instruments are carefully honed by an expert before packing, giving absolute assurance that the instrument is in perfect condition and ready for use.

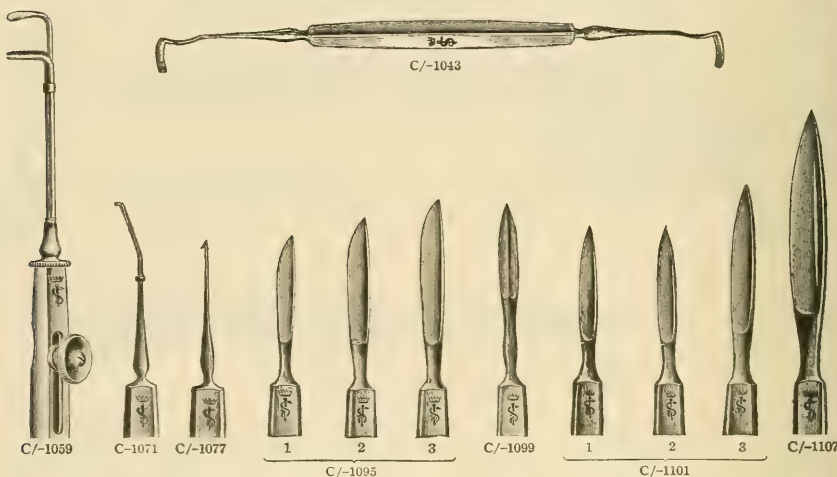
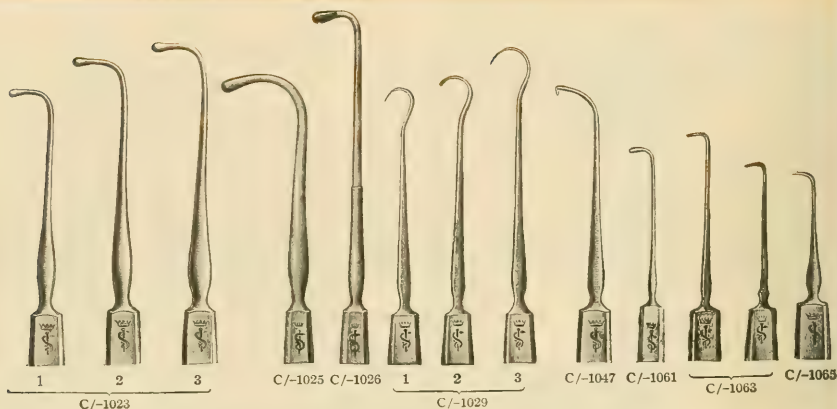


### Hooks



		Each
C/- 920	Schweigger's, enucleation.....	\$ 2.00
C/- 921	Baader's, fixation .....	1.50
C/- 925	Fox's, corelisis, double-ended, shanks and ends gold-plated..	2.00
C/- 927	Guthrie's, fixation .....	1.25
C/- 929	Guthrie's Strabismus Director .....	1.50
C/- 933	Graefe's, foreign body.....	1.25
C/- 939	Knapp's, foreign body, silver.....	1.50
C/- 945	Tyrrell's, foreign body, sharp.....	1.00
C/- 951	Tyrrell's, foreign body, blunt.....	1.00
C/- 957	Weber's, foreign body, right or left.....	1.50
C/- 963	Weber's, foreign body, right or left, double.....	1.50
C/- 969	Graefe's, lens, sharp.....	1.10
C/- 975	Graefe's, lens, blunt, narrow.....	1.10
C/- 981	Graefe's, lens, blunt, broad.....	1.10
C/- 993	Prince's Pterygium Divulsor.....	1.50
C/-1005	Agnew's, strabismus, with eye.....	1.10
C/-1021	Fox's, strabismus, 3 sizes .....	1.50





### Hooks

(Continued)

Each

C/-1023	Graefe's, strabismus, olive-pointed, 3 sizes.....	\$ 1.00
C/-1025	Greene's Lid Retracting Hook, modification of Major Smith's.....	1.50
C/-1026	Greene's Pressure Hook, modification of Major Smith's, silver.....	1.50
C/-1029	Jaeger's, strabismus, sharp-pointed, 3 sizes.....	1.00
C/-1043	Savage's Lid Extractor, double-ended.....	2.00
C/-1047	Theobald's, strabismus, barbed point.....	1.25
C/-1059	Wecker's, strabismus, double, with slide.....	4.50
C/-1061	Wilder's, non-magnetic, for use with eye magnet.....	1.25
C/-1063	Pana's, right-angle, 2 sizes.....	1.00

### Hooks

(Continued)

Each

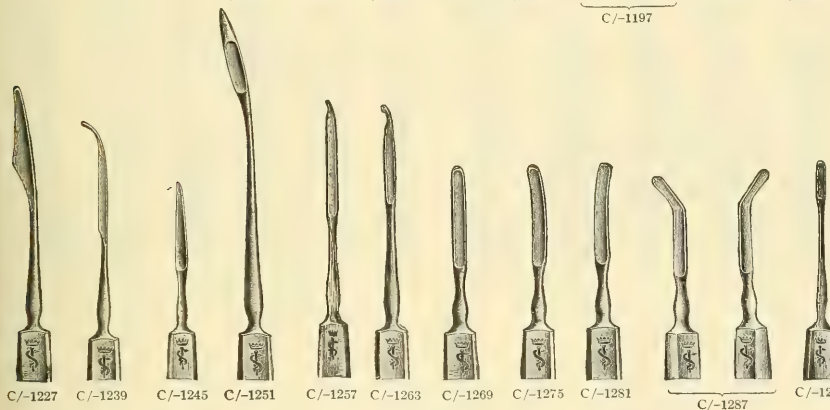
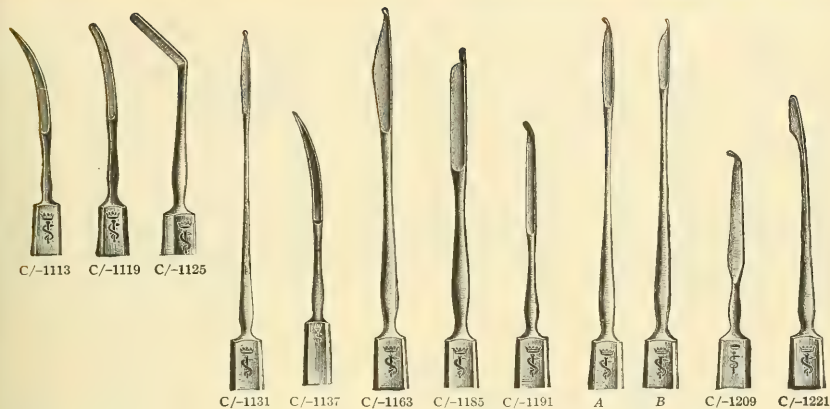
C/-1065	Stevens', tendon.....	\$ 1.00
C/-1071	Graefe's, traction.....	1.25
C/-1077	Stevens', traction.....	1.25

### Knives

Scalpels

C/-1093	Convex Scalpel, 3 sizes.....	1.25
C/-1099	Double-edged Scalpel.....	1.50
C/-1101	Center-point Scalpel, 3 sizes.....	1.25
C/-1107	Petit's, for lachrymalis.....	1.25





### Knives (Continued)

#### Bistouries

	Each
C/-1113 Curved, sharp-pointed.....	\$ 1.25
C/-1119 Curved, probe-pointed.....	1.25
C/-1125 Angular bent, probe-pointed.....	1.50

#### Canaliculus Knives

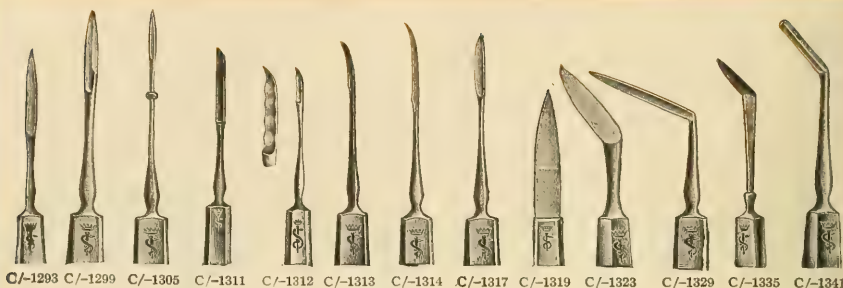
C/-1131 Agnew's, flexible shank.....	1.25
C/-1137 Bowman's, probe-pointed.....	1.25
C/-1163 Liebreich's, straight.....	1.50
C/-1185 Noyes', plain.....	1.25
C/-1191 Noyes', with curved probe point ..	1.25
C/-1197 Noyes', with flexible shank, 2 patterns, A and B.....	1.50
C/-1209 Noyes-Stilling's.....	1.25

#### Canaliculus Knives (Continued)

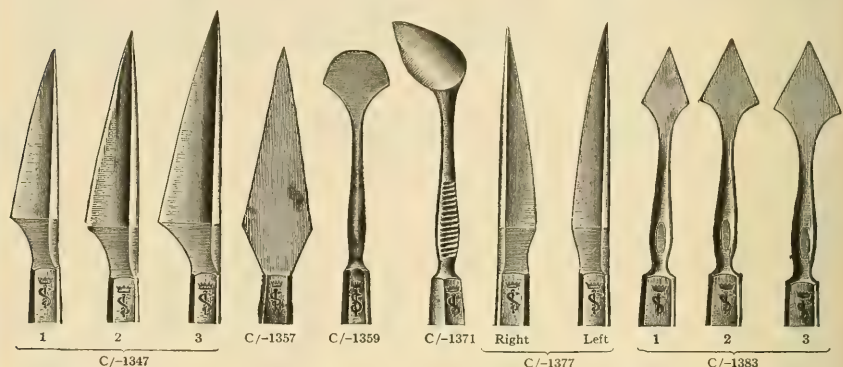
	Each
C/-1221 Schmidt-Rimpler's.....	\$ 1.25
C/-1227 Schmidt-Rimpler's, large.....	1.25
C/-1239 Schweigger's.....	1.25
C/-1245 Stilling's.....	1.25
C/-1251 Thomas'.....	1.50
C/-1257 Weber's.....	1.25
C/-1263 Weber's, English pattern.....	1.25

#### Cornea Knives

C/-1269 Desmarres', straight edge.....	1.25
C/-1275 Desmarres', concave edge.....	1.25
C/-1281 Desmarres', convex edge.....	1.25
C/-1287 Desmarres', angular, right and left.....	1.25
C/-1289 Kuhnt's, probe-pointed.....	1.25



C/-1293 C/-1299 C/-1305 C/-1311 C/-1312 C/-1313 C/-1314 C/-1317 C/-1319 C/-1323 C/-1329 C/-1335 C/-1341



1 2 3 C/-1347 C/-1357 C/-1359 C/-1371 Right Left C/-1377 1 2 3 C/-1383

## Knives

(Continued)

### Iris Knives

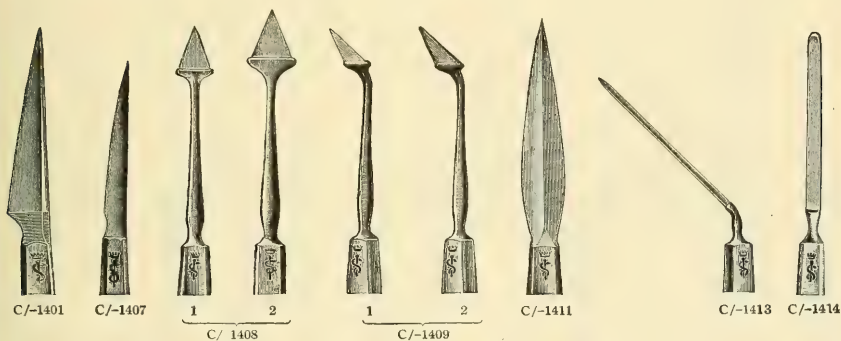
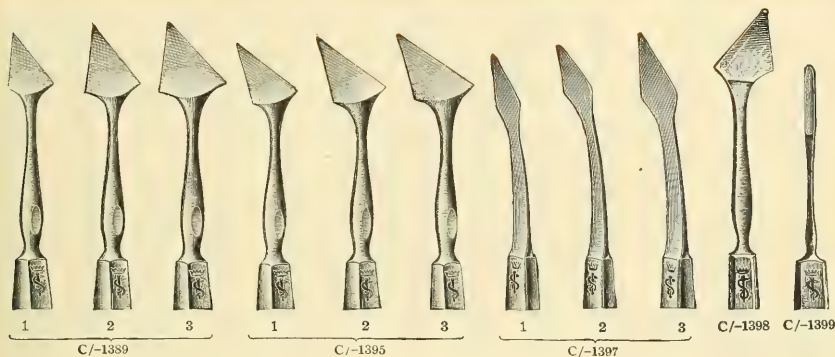
	Each
C/-1293 Single-edged .....	\$ 1.25
C/-1299 Double-edged .....	1.50
C/-1305 Single-edged, with stop .....	1.50
C/-1311 Adams' .....	1.50
C/-1312 Brawley's, with wave edge .....	2.00
C/-1313 Graefe's, sickle-shaped .....	1.25
C/-1314 Hayes' .....	1.25
C/-1317 Sichel's .....	1.25
C/-1319 Walton's .....	1.50

### Iridectomy Knives

	Each
C/-1323 Agnew's .....	\$ 1.50
C/-1329 Meyhoefer's .....	1.50
C/-1335 Taylor's, sharp-pointed .....	1.50
C/-1341 Taylor's, blunt-pointed .....	1.50

### Keratotomy Knives

	Each
C/-1347 Beer's, 3 sizes .....	1.50
C/-1357 Desmarres', double-edged .....	1.75
C/-1359 Hall's, semi-circular blade .....	1.50
C/-1371 Hirschberg's .....	1.75
C/-1377 Jaeger's, beveled, right or left .....	1.50
C/-1383 Jaeger's, straight, 3 sizes .....	1.50



## Keratomy Knives

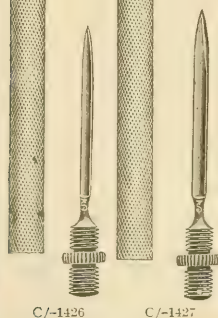
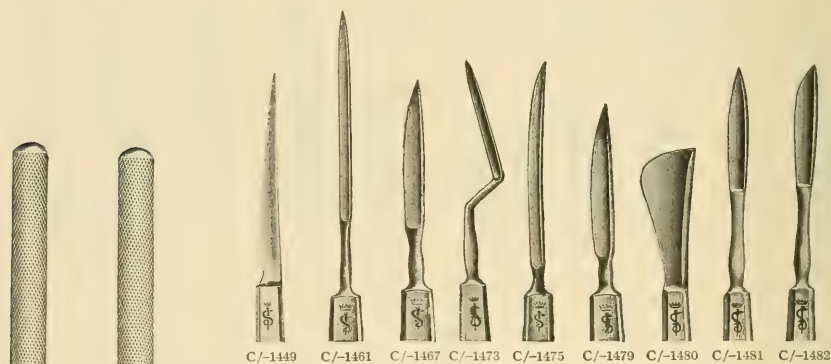
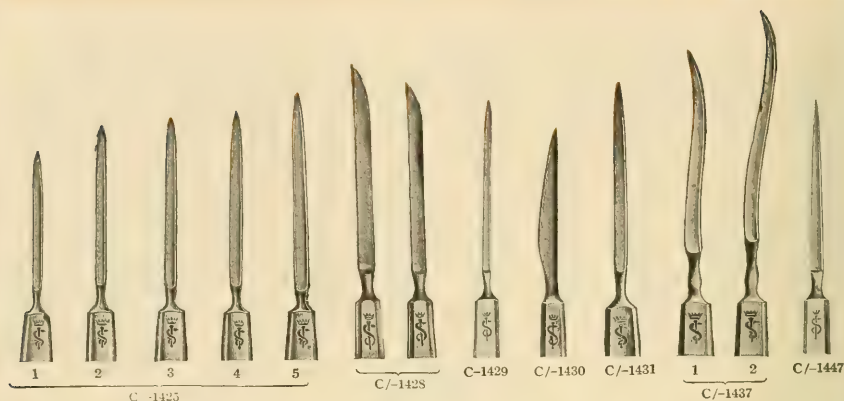
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	Each
C/-1389 Jaeger's, half-bent, 3 sizes.....	\$ 1.50
C/-1395 Jaeger's, full-bent, 3 sizes.....	1.50
C/-1397 Landolt's, 3 sizes.....	1.50
C/-1398 Lichtenberg's, probe-pointed, for enlarging the primary incision.....	2.50
C/-1399 Noyes', for enlarging the incision.....	1.25
C/-1401 Schweigger's.....	1.50
C/-1407 Taylor's.....	1.50
C/-1408 Wecker's, with stop, straight, 2 sizes.....	1.50
C/-1409 Wecker's, with stop, angular, 2 sizes.....	1.50
C/-1411 Wenzel's, double-edged.....	1.75

## Linear Cataract Knives

C/-1413 Baader's, angular, right or left.....	1.50
C/-1414 Black's, probe point, for enlarging the incision.....	1.50
C/-1416 Deutschmann's, double-edged.....	1.75
C/-1421 Gradenigo's.....	1.50

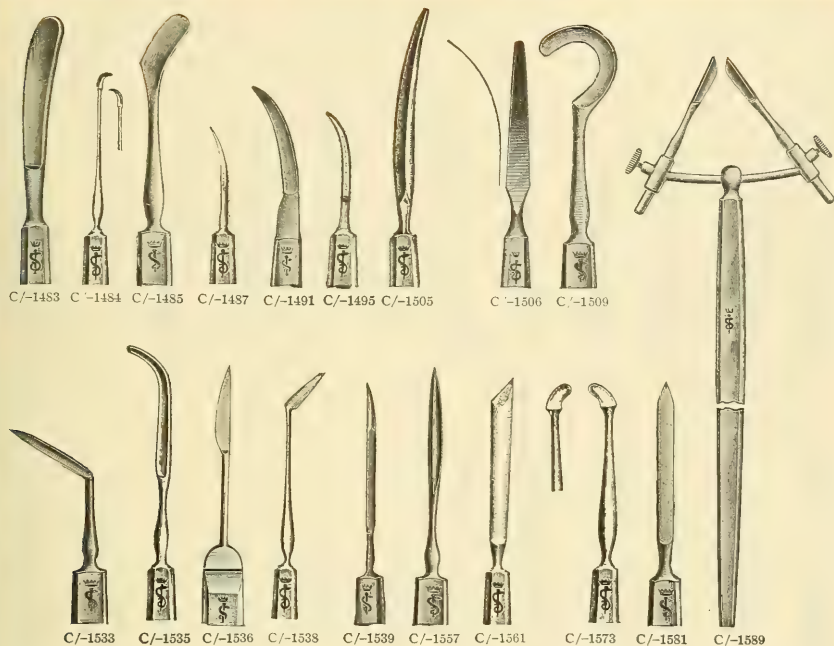




### Linear Cataract Knives

	Each
C/-1425 Graefe's, straight, 5 sizes .....	\$ 1.50
C/-1426 Graefe's, pocket style, reversible in handle ..	1.50
C/-1427 Graefe's, pocket style, reversible in handle, with double-edged point ..	1.50
C/-1428 Greene's, straight edge, for Indian operation, 2 sizes .....	1.50
C/-1429 Herbert's, for after cataract, very slender .....	1.50
C/-1430 Jackson's .....	1.50
C/-1431 Knapp's, hollow-ground .....	1.50
C/-1437 Kuhn's, double-curved, 2 sizes .....	1.75
C/-1447 Pinto's .....	1.50
C/-1449 Ramsay's .....	1.50
C/-1461 Schweigger's .....	1.50
C/-1467 Sichel's .....	1.50
C/-1473 Taylor's, angular .....	1.75
C/-1475 Terson's .....	1.75
C/-1479 Wecker's .....	1.50
C/-1480 Beard's Lid Knife .....	1.25
C/-1481 Scalpel, for lid operation, center point ..	1.25
C/-1482 Scalpel, for lid operation, bellied .....	1.25



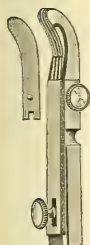


## Knives

(Continued)

	Each
C/-1483 Desmarres' Scarifying Knife.....	\$ 1.50
C/-1484 Darling's Capsulotomy Knife.....	1.50
C/-1485 Graefe's Scarifying Knife.....	1.50
C/-1487 Grimsdale's Capsulotomy Knife.....	1.35
C/-1491 Guthrie's Strabismus Knife.....	1.50
C/-1495 Hartridge's Capsulotomy Knife.....	1.50
C/-1505 Beard's Dissector, for lid work.....	1.25
C/-1506 Beard's Exenteration Knife Spud.....	1.50
C/-1509 Brazil's Enucleation Knife.....	1.50
C/-1533 Meyhoefer's Capsule Knife.....	1.75
C/-1535 Monosmith's Enucleation Knife.....	1.50
C/-1536 Moorfield's, for dissecting out the lachrymal sac.....	1.50
C/-1538 McReynold's Pterygium Knife.....	1.75
C/-1539 Payne's Pterygium Knife.....	2.00
C/-1557 Schmidt-Rimpler's Spoon Knife, for chalazion.....	1.75
C/-1561 Stevenson's Chalazion Knife.....	1.50
C/-1573 Young's Pterygium Knife, right or left.....	1.50
C/-1581 Wecker's Sclerotome.....	1.50
C/-1587 Weeks' Grattage Knife.....	5.00
C/-1589 Wilder's Entropium Knife, double.....	3.50

## Masseur

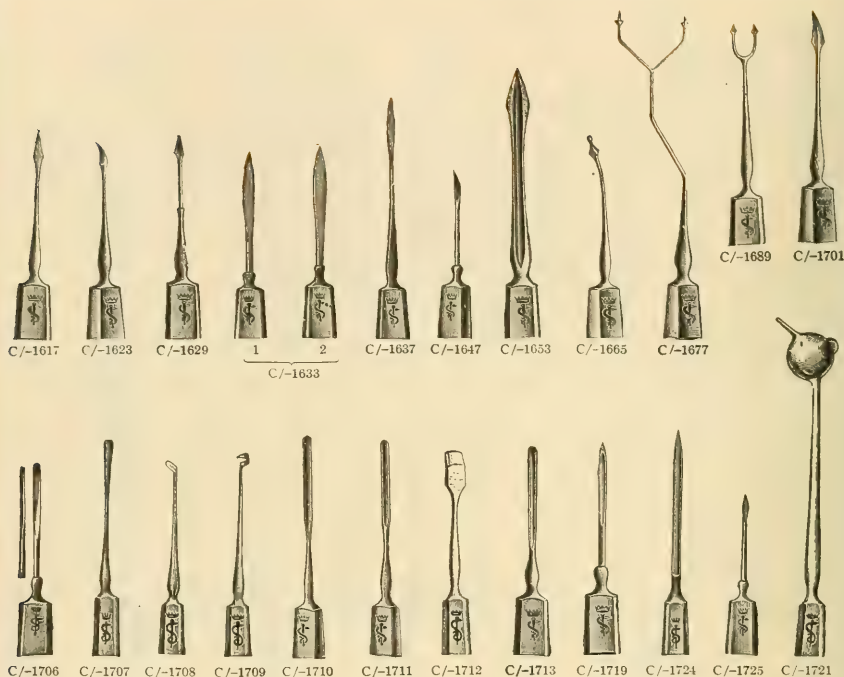


C/-1587

C/-1599 Morton's Corneal Masseur, shell.....	2.00
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C/-1599



### Needles

#### Cataract Needles

	Each
C/-1617 Plain, straight, cataract.....	\$ 1.15
C/-1623 Plain, curved, cataract.....	1.25
C/-1629 Bowman's, cataract, with stop ....	1.25
C/-1633 Fox's, cataract, 2 sizes.....	1.25
C/-1637 Landolt's.....	1.25
C/-1647 Walton's, cataract.....	1.50
C/-1653 Walton's, grooved, for soft cataract.	1.50
C/-1665 Stevens', divulsion.....	1.50
C/-1677 Noyes', divulsion.....	1.75
C/-1689 Schweigger's, divulsion.....	1.75

#### Foreign Body Needles

C/-1701 Plain, curved.....	1.25
C/-1706 Dix's Spud, half-round form.....	1.10
C/-1707 Dix's Spud, flat form.....	1.10

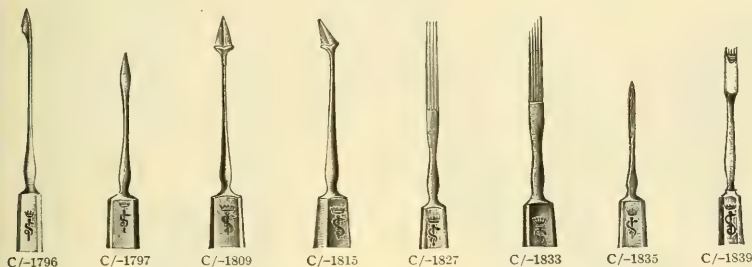
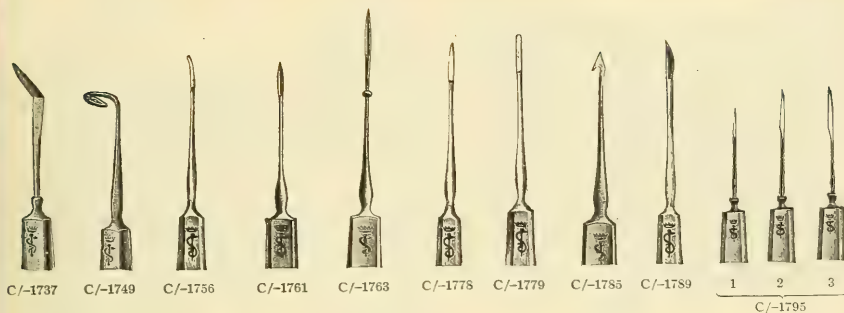
#### Foreign Body Needles

(Continued)

	Each
C/-1708 Risley's Angular Spud.....	\$ 1.25
C/-1709 Wheeler's Corneal Spud.....	1.75
C/-1710 Kuhnt's Gouge, round.....	1.25
C/-1711 Kuhnt's Gouge, triangular.....	1.25
C/-1712 Rollet's Chisel, for extirpation of the lacrimal sac.....	1.50
C/-1713 Walton's Gouge, round-pointed....	1.25
C/-1719 Walton's Gouge, sharp-pointed ....	1.25
C/-1721 Wordworth-Todd's Eye Cautery Needle.....	2.50

#### Iris Needles

C/-1724 Beard's Knife Needle.....	1.25
C/-1725 Beer's, straight.....	1.15



### Iris Needles

(Continued)

	Each
C/-1737 Critchett's.....	\$ 1.75
C/-1749 De la Roza's.....	1.50
C/-1756 Gibbs', for anterior synechia.....	1.50
C/-1761 Knapp's Knife Needle, 3 sizes.....	1.25
C/-1763 Knapp's Knife Needle, with stop.....	1.50
C/-1778 Lang's Knife Needle, sharp point, for anterior synechia.....	1.50
C/-1779 Lang's Knife Needle, blunt point, for anterior synechia.....	1.50
C/-1785 Luzardi's, hooked.....	1.25
C/-1789 Post's Knife Needle, for dividing membrane.....	1.50
C/-1792 Woodruff's, strabismus, right or left.....	1.75
C/-1795 Ziegler's Knife Needle, 3 sizes, 5, 6, 7 mm.....	1.50
C/-1796 Zirn's.....	1.50

### Paracentesis Needles

C/-1797 Plain.....	1.15
C/-1809 Desmarres', with stop, straight.....	1.25
C/-1815 Desmarres', with stop, curved.....	1.50

### Tattooing Needles

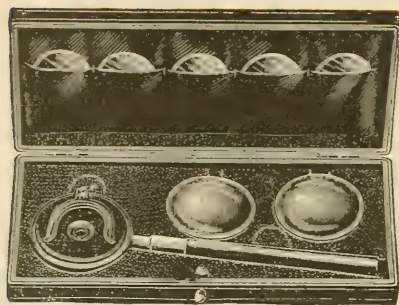
C/-1827 Agnew's.....	1.50
C/-1833 Baader's.....	1.50
C/-1835 Schoeler's.....	1.25
C/-1839 Tyson's.....	1.50
C/-1845 De Wecker's, and Spatula, combined, in one handle.....	2.00



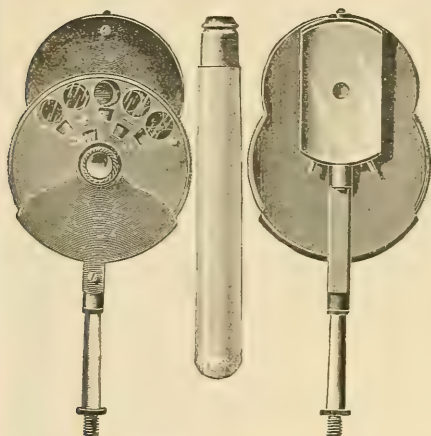
C/-1792



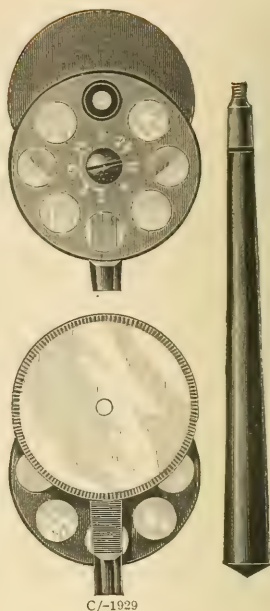
C/-1845



C/-1905



C/-1953



C/-1929



C/-1957

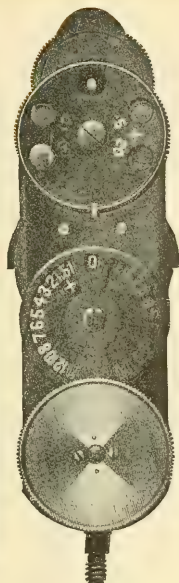
### Ophthalmoscopes

	Each
C/-1905 Liebreich's Ophthalmoscope, in case.....	\$ 2.75
C/-1929 Loring's, 7 lenses, revolving disc, with mirror and condensing lens, in case.....	3.50
C/-1953 Loring's, latest model, with 19 lenses, condensing lens and tilting concave mirror, in case. . .	5.50
C/-1957 Loring's Electric Ophthalmoscope, same as C/-1953 but with electric light attachment. Can be operated from small dry-cell battery or current controller. Complete, with cords, in case	15.00
Extra lamps for same. ....	.75

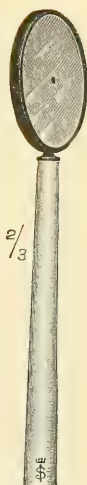




C/-1966



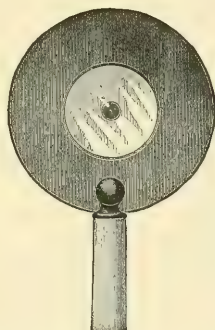
C/-1998



C/-1977



C/-1980



C/-1983

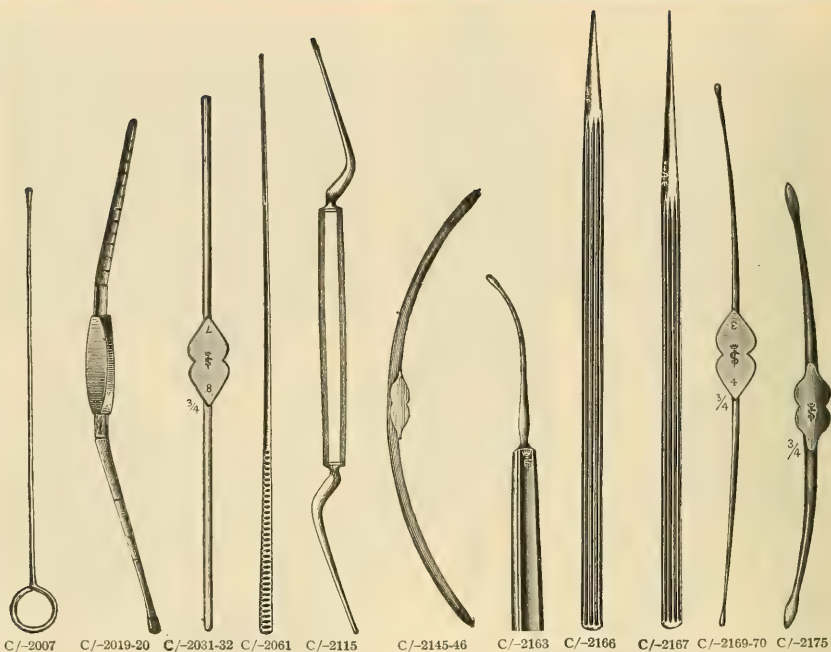
## Ophthalmoscopes

(Continued)

- |         |   |                 |
|---------|---|-----------------|
| C/-1966 | <b>Morton's</b> , latest improved English model, with 29 lenses, and auxiliary disk with 4 supplementary lenses, 3 adjustably mounted mirrors, 2 concave and 1 plane. The handle contains pupilometer and color test; complete in case..... | Each<br>\$22.50 |
|---------|---|-----------------|

## Skiascopes and Retinoscopes

- |         |  |      |
|---------|--|------|
| C/-1977 | Plane mirror, for retinoscopy, 1½ inch diameter, with stationary handle..... | 1.25 |
| C/-1980 | Plane mirror, for retinoscopy, 1½ inch diameter, with folding handle.....    | 1.25 |
| C/-1983 | <b>Thorington's Mirror</b> , for retinoscopy.....                            | 1.25 |
| C/-1998 | Skiascopic Chimney, made of asbestos.....                                    | 1.00 |



C/-2007 C/-2019-20 C/-2031-32 C/-2061 C/-2115 C/-2145-46 C/-2163 C/-2166 C/-2167 C/-2169-70 C/-2175



C/-2157-58



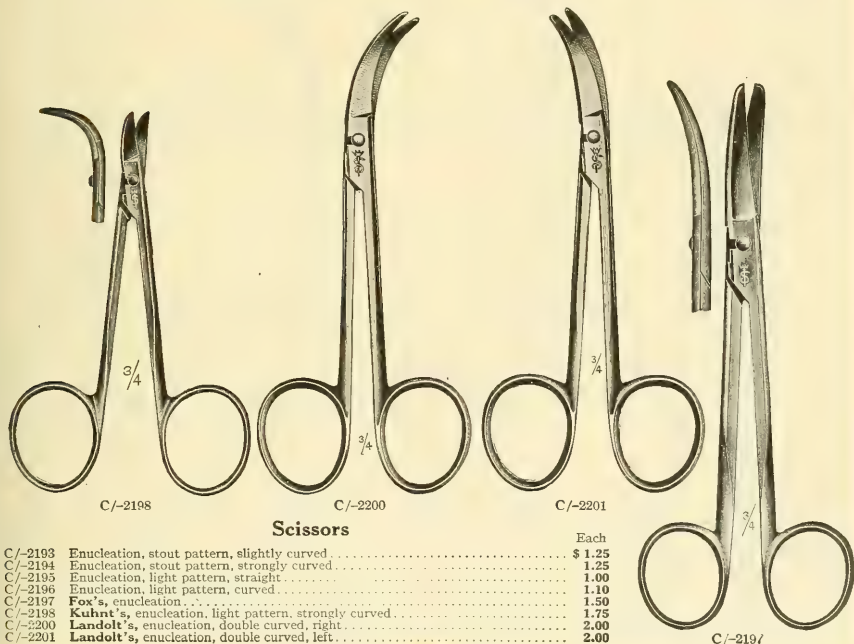
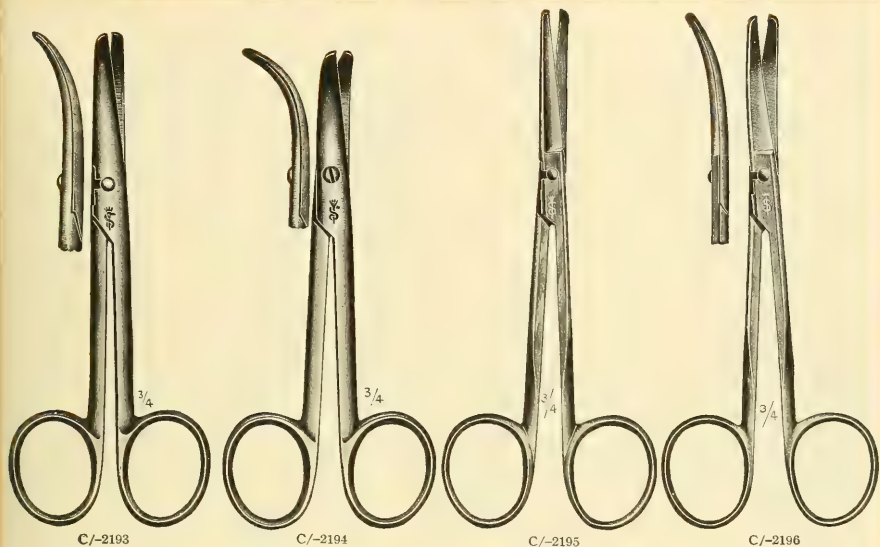
C/-2097

### Probes and Dilators

	Each
C/-2007 Anel's Lachrymal Probe, assorted sizes, silver	\$.25
C/-2019 Bergen's Lachrymal Probe, plated	.75
C/-2020 Bergen's Lachrymal Probe, silver	1.50
C/-2031 Bowman's Lachrymal Probes, 8 sizes, plated	.25
C/-2032 Bowman's Lachrymal Probes, 8 sizes, silver	.45
C/-2061 Bowman's Lachrymal Director	1.25
C/-2097 Galezowski's Dilator	2.00
C/-2115 Levis' Lachrymal Dilator, double-ended	1.75
C/-2145 Theobald's Lachrymal Probes, 16 sizes, plated	.40
C/-2146 Theobald's Lachrymal Probes, 16 sizes, silver	.85
C/-2157 Weber's Lachrymal Dilator, graduated, plated	.60
C/-2158 Weber's Lachrymal Dilator, graduated, silver	1.35
C/-2163 Wecker's Iris Probe, with handle	1.00
C/-2166 Wilder's Lachrymal Dilator, short taper	.35
C/-2167 Wilder's Lachrymal Dilator, long taper	.35
C/-2169 Williams' Lachrymal Probe, olive-pointed, 8 sizes, plated	.45
C/-2170 Williams' Lachrymal Probe, olive-pointed, 8 sizes, silver	.75
C/-2175 Williams' Lachrymal Dilator, double-ended	.75
C/-2178 Ziegler's Lachrymal Dilator	1.50
C/-2179 Ziegler's Needle Probe	.50



C/-2178 C/-2179



### Scissors

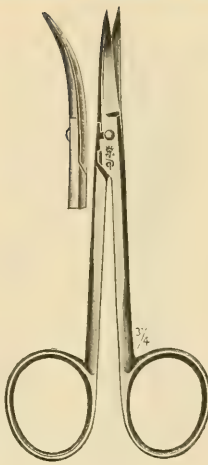
	Each
C/-2193 Enucleation, stout pattern, slightly curved .....	\$ 1.25
C/-2194 Enucleation, stout pattern, strongly curved .....	1.25
C/-2195 Enucleation, light pattern, straight .....	1.00
C/-2196 Enucleation, light pattern, curved .....	1.10
C/-2197 Fox's, enucleation .....	1.50
C/-2198 Kuhnt's, enucleation, light pattern, strongly curved .....	1.75
C/-2200 Landolt's, enucleation, double curved, right .....	2.00
C/-2201 Landolt's, enucleation, double curved, left .....	2.00



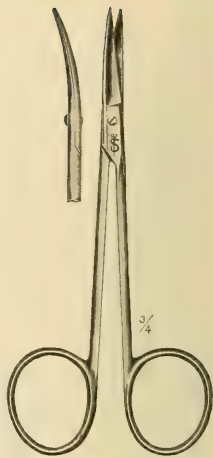
C/-2205



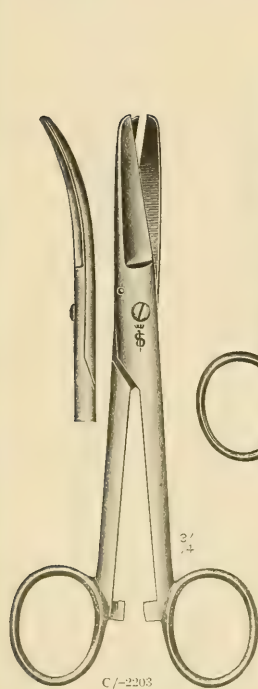
C/-2207



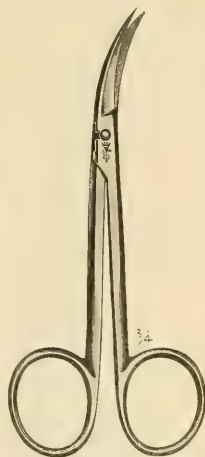
C/-2217



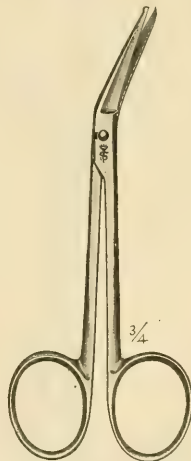
C/-2219



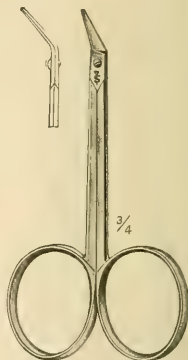
C/-2203



C/-2223



C/-2229



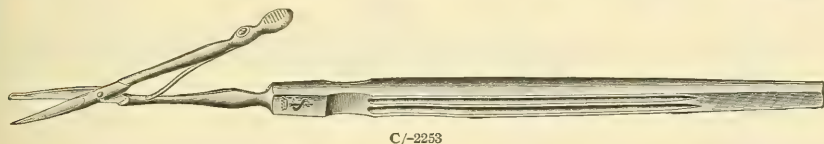
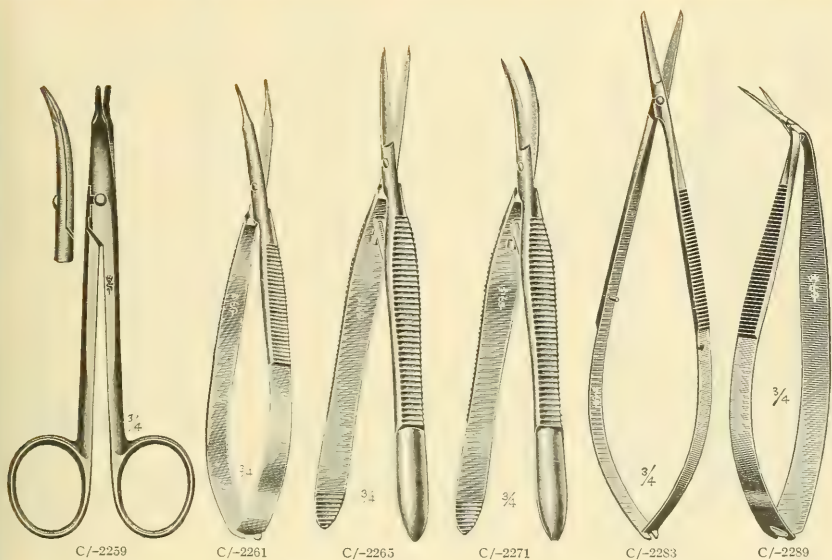
C/-2238

## Scissors

(Continued)

	Each
C/-2203 Warlombert's, for enucleation, with haemostatic clamp	\$ 6.50
C/-2205 Iris, straight, sharp-pointed	1.10
C/-2207 Iris, straight, sharp-pointed, very fine and delicate	1.25
C/-2217 Iris, curved on flat, sharp-pointed	1.10
C/-2219 Iris, curved on flat, sharp-pointed, very fine and delicate	1.25
C/-2223 Iris, curved sideways, sharp-pointed	1.10
C/-2229 Iris, angular, probe point on lower blade	1.10
C/-2238 Lawson's, iris, angular on flat, 1/2 inch blades	1.40

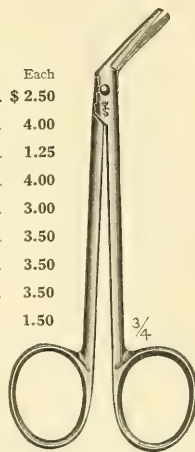
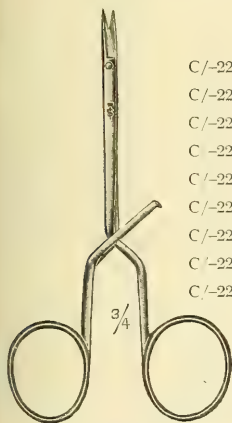


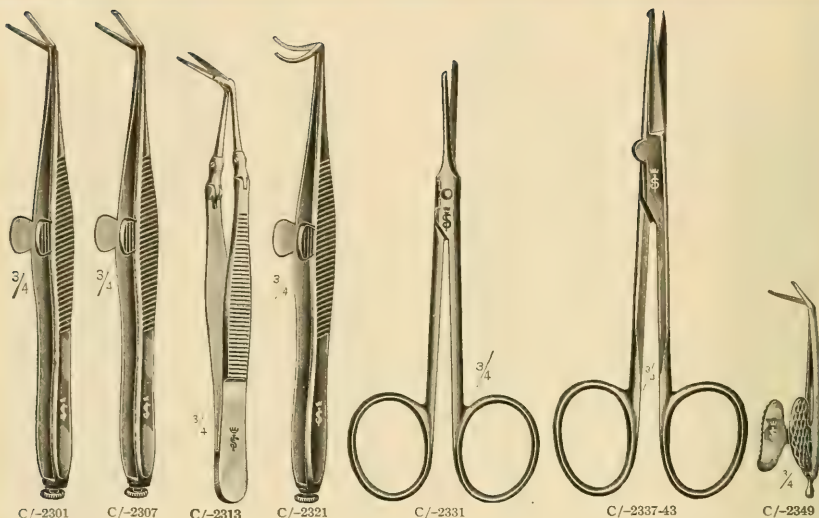


## Scissors

(Continued)

	Each
C/-2241 Liebreich's Iris Scissors . . . . .	\$ 2.50
C/-2253 Noyes' Iris Scissors, with metal handle . . . . .	4.00
C/-2259 Stevens' Tenotomy Scissors . . . . .	1.25
C/-2261 Westcott's Tenotomy Scissors . . . . .	4.00
C/-2265 Mathieu's Iris Scissors, straight . . . . .	3.00
C/-2271 Mathieu's Iris Scissors, curved . . . . .	3.50
C/-2283 McClure's Iris Scissors, straight . . . . .	3.50
C/-2289 McClure's Iris Scissors, curved . . . . .	3.50
C/-2295 Scherck's Iris Scissors, angular, blunt-pointed . . . . .	1.50



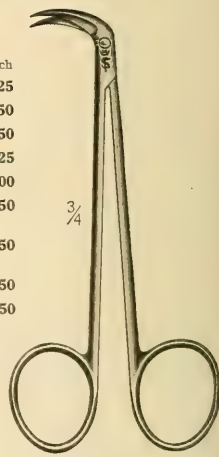
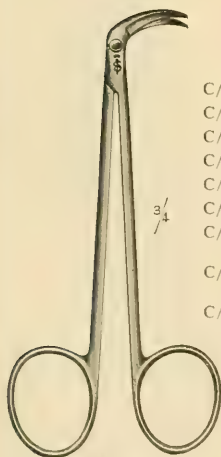


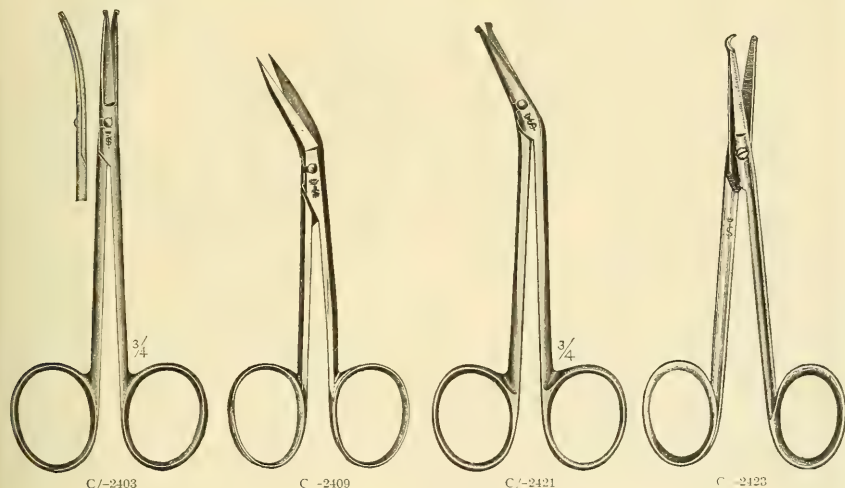
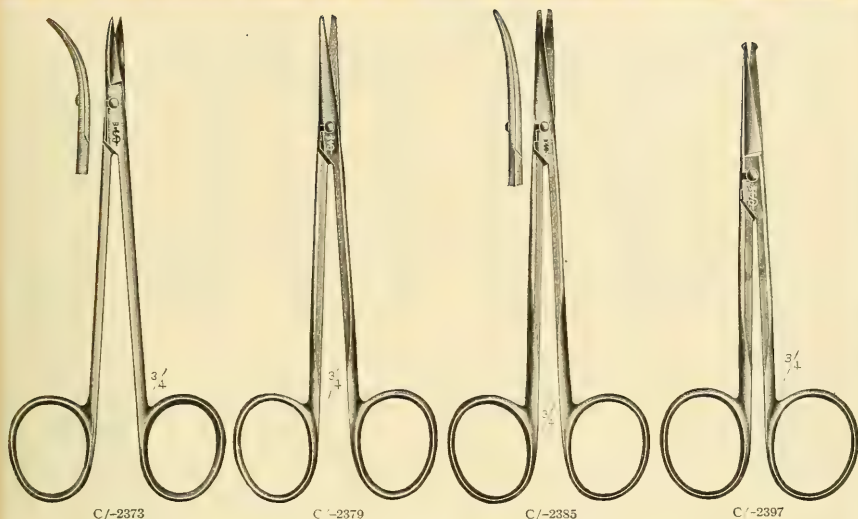
C/-2319

## Scissors

(Continued)

	Each
C/-2301 De Wecker's, iris, plain . . . . .	\$ 4.25
C/-2307 De Wecker's, iris, with 1 probe point . . . . .	4.50
C/-2313 Weiss', iris . . . . .	5.50
C/-2319 Wilde's, iris . . . . .	6.25
C/-2321 Woodruff's, iris . . . . .	6.00
C/-2331 Arlt's, lachrymal . . . . .	1.50
C/-2337 Knapp's, lachrymal, with eccentric joint, straight . . . . .	1.50
C/-2343 Knapp's, lachrymal, with eccentric joint, curved on flat . . . . .	1.50
C/-2349 Liebold's, lachrymal . . . . .	5.50
C/-2361 Chadwick's, pterygium, right . . . . .	2.50
C/-2367 Chadwick's, pterygium, left . . . . .	2.50

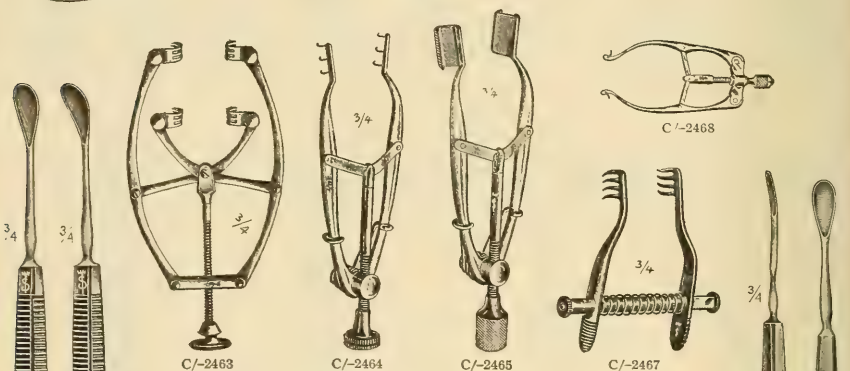
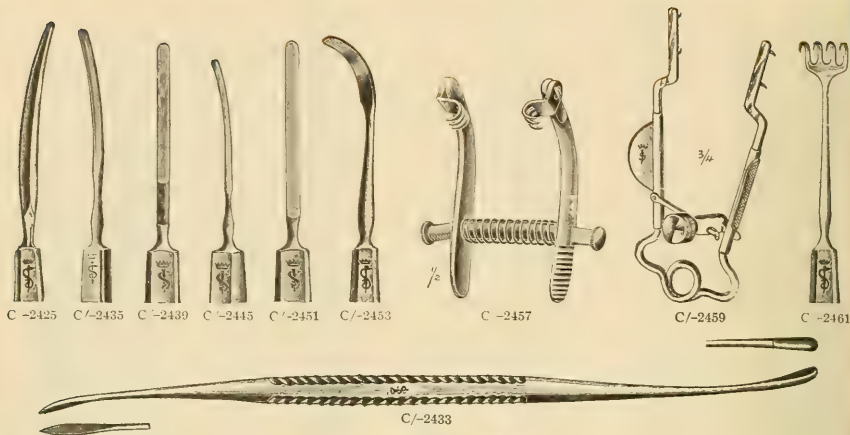




# Scissors

(Continued)

	Each		Each
C/-2373 Chadwick's, for pterygium, curved on flat. . .	\$ 1.75	C/-2403 Bowman's, strabismus, curved on flat, with 2 probe points. . .	\$ 1.25
C/-2379 Straight, blunt-pointed scissors, for strabismus. .	1.15	C/-2409 Bowman's, strabismus, angular, with 2 sharp points. . .	1.25
C/-2385 Curved, blunt-pointed scissors, for strabismus. .	1.15	C/-2421 Maunoir's, strabismus, angular, with 2 probe points. . .	1.25
C/-2397 Bowman's, for strabismus, straight, with 2 probe points. . .	1.25	C/-2423 Spencer's Stitch Scissors. . .	1.85



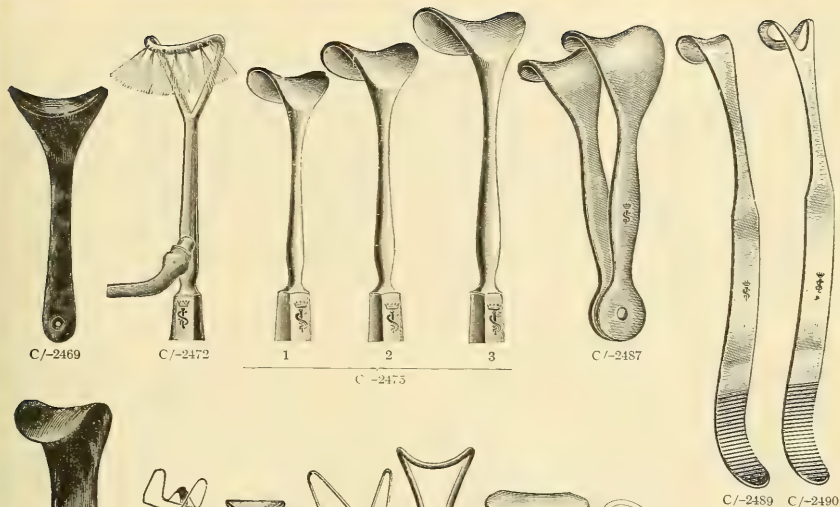
### Spatula

	Each
C/-2425 Beard's Dissector, for the lachrymal sac.....	\$ 1.25
C/-2428 Greene's Double-End Spatula, modification of Major Smith's, for intracapsular cataract operation .....	2.00
C/-2429 Greene's Spatula and Pressure Probe, for intracapsular cataract operation ..	2.00
C/-2431 Knapp's Iris Spatula and Hook, silver .....	2.00
C/-2433 Lang's Dissector and Sharp Spoon, for extirpation of the lachrymal sac .....	1.75
C/-2435 Moorfield's Grooved Iris Spatula .....	1.25
C/-2437 Major Smith's Double-End Spatula, silver, for intracapsular cataract operation ..	2.00
C/-2439 De Wecker's Spatula, shell .....	1.20
C/-2445 De Wecker's Spatula, silver .....	1.25
C/-2451 De Wecker's Spatula, German silver .....	1.20
C/-2453 Wilder's Dissector, for the lachrymal sac.....	1.25

### Lachrymal Sac Retractors

C/-2457 Axenfeld's .....	3.25	
C/-2459 Mueller's (Vienna) .....	2.50	
C/-2461 Rollet's .....	1.50	
C/-2463 Sydney Stephenson's .....	4.00	
C/-2464 Stevenson's, original model.....	3.25	
C/-2465 Stevenson's, latest model.....	3.50	
C/-2467 Wilder's .....	3.00	
C/-2468 Wilder's Retractor, non-magnetic, to be used with an eye magnet, for opening the scleral wound.....	4.50	
C/-2428 C/-2429	C/-2431 C/-2437	



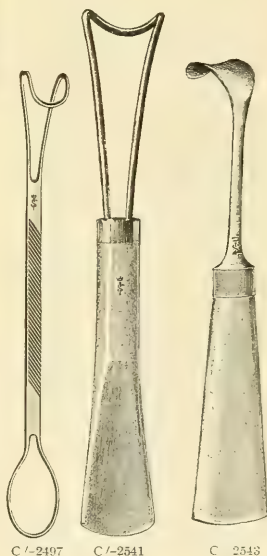


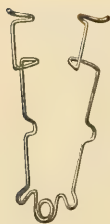
### Lid Retractors

	Each
C/-2469 Plain, shell . . . . .	\$ 1.00
C/-2472 Callan's, irrigating, with bulb . . . . .	2.50
C/-2475 Desmarres', 3 sizes . . . . .	1.00
C/-2487 Desmarres', jointed . . . . .	1.00
C/-2489 Fisher's, solid blade . . . . .	1.00
C/-2490 Fisher's, fenestrated blade . . . . .	1.15
C/-2493 Fox's, shell . . . . .	.90
C/-2497 Moraweck's . . . . .	1.00
C/-2499 Noyes', fenestrated . . . . .	1.50
C/-2511 Stevens', shell . . . . .	1.25
C/-2513 Stevenson's, fenestrated . . . . .	1.50
C/-2517 Walton's . . . . .	1.50
C/-2519 Ziegler's . . . . .	1.25

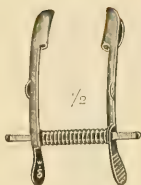
### Lid Plates

C/-2520 Jaeger's, hard rubber . . . . .	.30
C/-2535 Jaeger's, ivory . . . . .	1.00
C/-2536 Jaeger's, metal . . . . .	.50
C/-2541 Lid Plate, horn, combined with Fenestrated Lid Retractor . . . . .	.90
C/-2543 Lid Plate, ivory, combined with Desmarres' Lid Retractor . . . . .	1.25





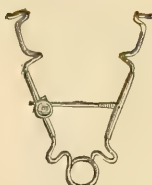
C/-2565



C/-2573



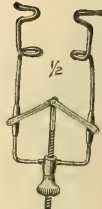
C/-2577



C/-2589



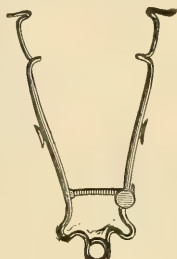
C/-2593



C/-2595



C/-2601



C/-2613



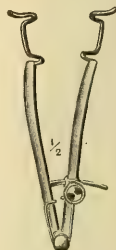
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C/-2630



C/-2634



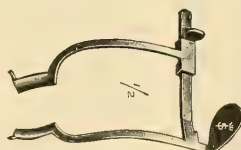
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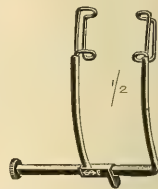
C/-2667



C/-2678



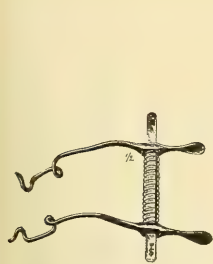
C/-2682



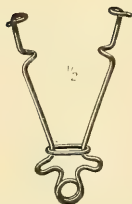
C/-2683

## Eye Specula

	Each		Each
C/-2565 Plain wire.....	\$ .25	C/-2630 Greven's.....	\$ 1.50
C/-2573 Beard's, with solid blades, German silver, non-magnetic.....	1.50	C/-2634 Hirschberg's.....	1.75
C/-2577 Bowman's.....	1.50	C/-2637 Knapp's.....	2.00
C/-2589 Critchett's.....	1.00	C/-2667 Liebreich's, latest improved pattern.....	1.50
C/-2593 Fox's.....	2.00	C/-2678 Mellinger's, German silver, non-magnetic.....	1.25
C/-2595 Galante's.....	1.50	C/-2682 Monosmith's, German silver, non-magnetic.....	1.75
C/-2601 Galezowski's.....	2.50	C/-2683 Murdock's, steel.....	2.00
C/-2613 Graefe's.....	1.25		
C/-2619 Graefe's, latest.....	1.50		



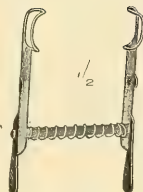
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C/-2685



C/-2691



C/-2709



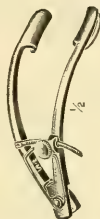
C/-2741



C/-2743-44



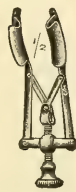
C/-2745



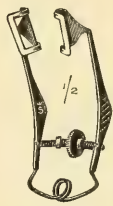
C/-2763



C/-2775



C/-2788



C/-2791-92

## Eye Specula

(Continued)

	Each
C/-2684 Nettleship's, parallel action.....	\$ 3.00
C/-2685 Noyes', plain.....	.50
C/-2691 Noyes', improved, with screw.....	1.15
C/-2709 Pana's, modified.....	1.25
C/-2741 Shoemaker's.....	1.75
C/-2743 Major Smith's, nickel-plated.....	2.50
C/-2744 Major Smith's, gold-plated.....	3.00
C/-2745 Stevens'.....	1.50
C/-2763 Stroschein's.....	2.50
C/-2775 Weber's, new pattern, for either eye.....	1.50
C/-2788 Wilder's.....	2.25
C/-2791 Ziegler's, nickel-plated.....	3.50
C/-2792 Ziegler's, gold-plated.....	4.00



C/-2811

C/-2817

C/-2825



C/-2835



C/-2841



C/-2847

## Spoons and Curettes

	Each		Each
C/-2811 Arlt's, serrated.....	\$ 1.25	C/-2835 Critchett's.....	\$ 1.25
C/-2817 Bowman's.....	1.25	C/-2841 Critchett's, serrated.....	1.25
C/-2825 Bunge's, enucleation, 2 sizes.....	1.50	C/-2847 Critchett's, modified by Graefe, silver.....	1.25



C/-2867



C/-2868



C/-2901

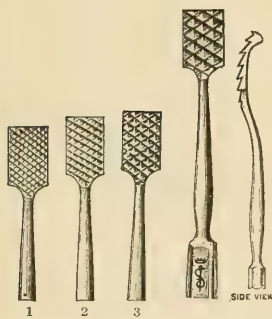


C/-2925

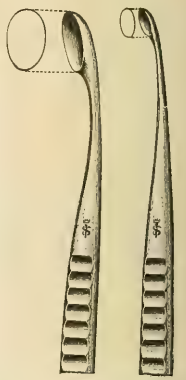
## Spoons and Curettes

(Continued)

	Each
C/-2853 Daviel's . . . . .	\$ 1.25
C/-2859 Daviel's, long form . . . . .	1.25
C/-2861 Dohnberg's Trachoma Rasp . . . . .	2.50
C/-2867 Falta's Trachoma Curette . . . . .	2.00
C/-2868 Falta's Trachoma Spoon . . . . .	1.00
C/-2877 Graefe's, hard rubber . . . . .	1.25
C/-2883 Graefe's, tortoise shell . . . . .	1.35
C/-2889 Graefe's Lens Tractor . . . . .	1.25
C/-2895 Hebra's, sharp . . . . .	1.25
C/-2901 Hebra's, double-ended . . . . .	1.75
C/-2909 Jameson's Trachoma Rasper, 4 sizes . . . . .	2.00
C/-2913 Knapp's, for iridectomy, silver . . . . .	1.25
C/-2914 Kuhnt's, scraper . . . . .	1.25
C/-2915 Kuhnt's, scraper . . . . .	1.25
C/-2918 Lang's Double-ended Sharp Spoon . . . . .	1.75
C/-2919 Meyhoefer's, sharp, 4 sizes . . . . .	1.25
C/-2925 Meyhoefer's, double-ended . . . . .	2.00

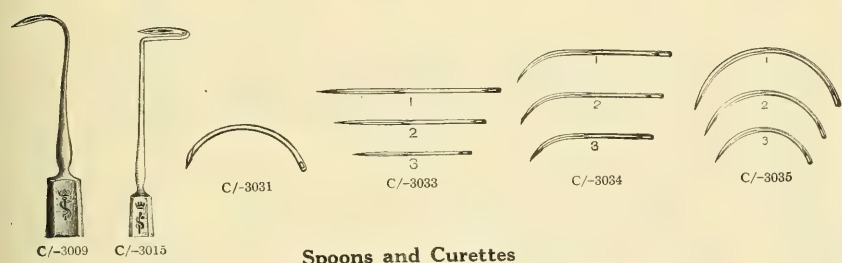
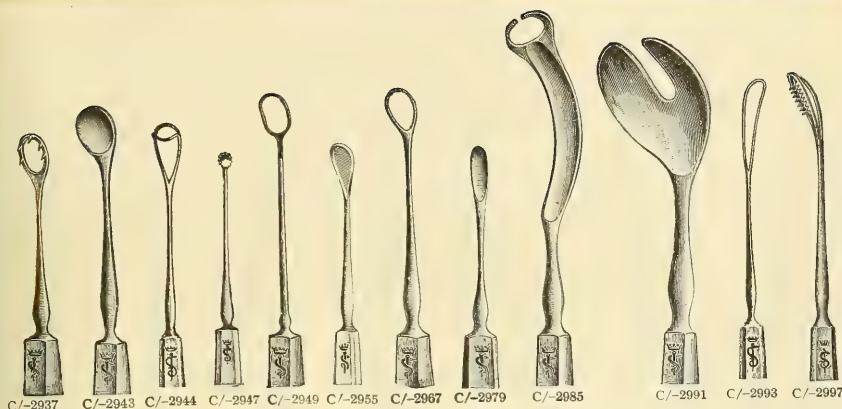


C/-2909



C/-2918





### Spoons and Curettes

(Continued)

	Each
C/-2937 Noyes', toothed.....	\$ 1.75
C/-2943 Pagenstecher's, for iridectomy.....	1.25
C/-2944 Prince's Cataract Retractor.....	1.50
C/-2947 Skeel's, serrated.....	1.50
C/-2949 Taylor's, fenestrated.....	1.50
C/-2955 Waldau's, silver.....	1.15
C/-2967 Weber's, fenestrated.....	1.25
C/-2979 De Wecker's, sharp.....	1.25
C/-2985 De Wecker's, for enucleation.....	1.50
C/-2991 Wells', for enucleation.....	1.50
C/-2993 Wilder's, long shape, serrated.....	1.25
C/-2997 Ziegler's, with fine teeth.....	1.75

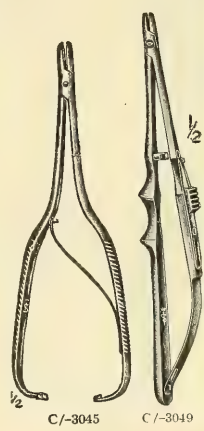
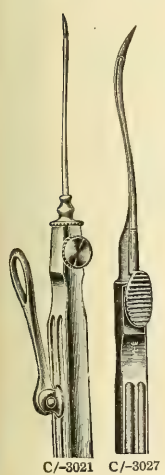
### Suture Needles

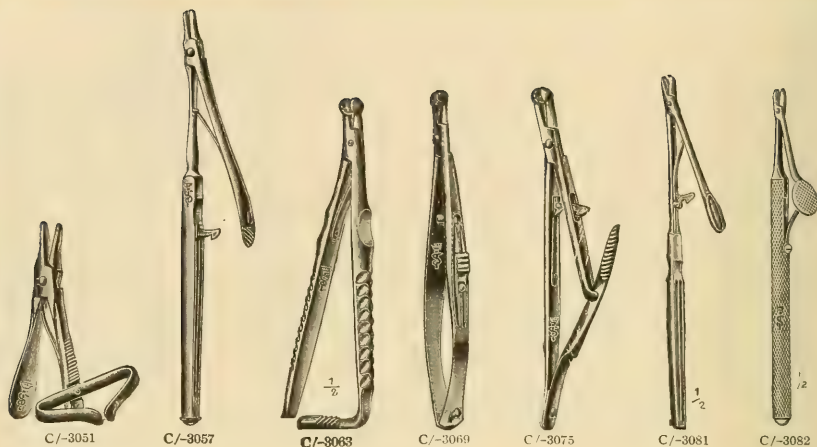
C/-3009 Himley's.....	1.50
C/-3015 Prince's.....	1.50
C/-3021 Reverdin's, with pressure action.....	5.50
C/-3027 Reverdin's, with slide action.....	4.50
C/-3031 Woodward's Eye Needles, 1 size.....	Dozen \$ .75
C/-3033 Plain Eye Needles, straight, 3 sizes.....	.50
C/-3034 Plain Eye Needles, half-curved, 3 sizes.....	.50
C/-3035 Plain Eye Needles, full-curved, 3 sizes.....	.50

For full line of Surgeon's Needles and Suture Materials, see Catalogue, Section B.

### Needle Holders

	Each
C/-3045 Boynton's.....	\$ 3.00
C/-3049 Fisher's.....	3.00





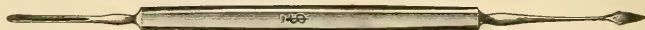
C/-3111



C/-3095



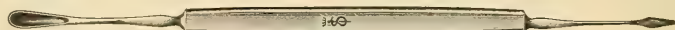
C/-3153



C/-3159



C/-3171



C/-3177

### Needle Holders

(Continued)

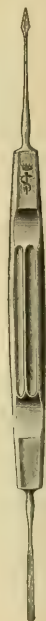
	Each
C/-3051 Galezowski's .....	\$ 2.00
C/-3057 Knapp's .....	3.00
C/-3063 Mathieu's .....	2.25
C/-3069 Prout's .....	2.50
C/-3075 Sand's .....	3.00
C/-3081 Stevens' .....	3.00
C/-3082 Stevenson's .....	3.00

### Suture Forceps

C/-3095 Pana's, for eye work .....	1.50
------------------------------------	------

### Double-End Eye Instruments

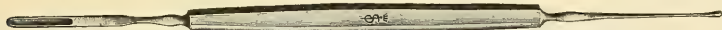
C/-3111 Cystotome and Scoop .....	1.75
C/-3153 Tyrrell's Hooks, blunt and sharp .....	1.75
C/-3159 Needle and Gouge .....	1.75
C/-3171 Needle and Probe .....	1.75
C/-3177 Needle and Scoop .....	1.75
C/-3183 Needle and Spud .....	1.75



C/-3183



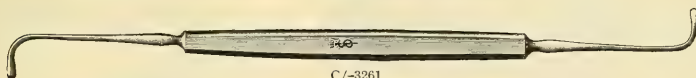
C/-3201



C/-3207



C/-3219



C/-3261



C/-3265 C/-3267 C/-3268



C/-3269



C/-3271



C/-3272



C/-3273



C/-3275

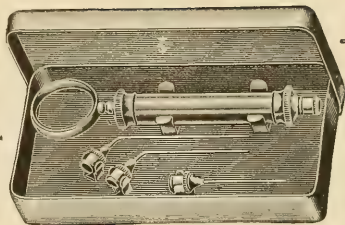
## Double-End Eye Instruments

(Continued)

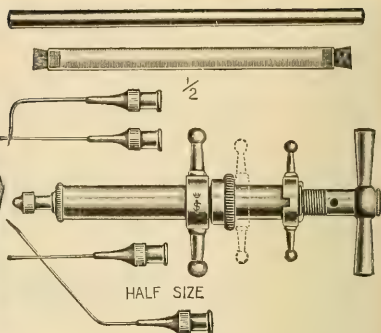
	Each
C/-3201 Probe and Lens Scoop, fenestrated .....	\$ 2.00
C/-3207 Probe and Spatula .....	2.00
C/-3219 Spatula and Spoon .....	2.00
C/-3261 Strabismus Hooks, double-end .....	1.75
C/-3265 Cystotome and Scoop, in metal sliding pencil case .....	2.25
C/-3267 Needle and Gouge, in metal sliding pencil case .....	2.25
C/-3268 Needle and Spud, in metal sliding pencil case .....	2.25
C/-3269 Graefe's Abscess Knife and Dix's Spud, in reversible screw handle .....	1.75
C/-3271 Cystotome and Scoop, in reversible screw handle .....	1.50
C/-3272 Needle and Gouge, in reversible screw handle .....	1.50
C/-3273 Needle and Spud, in reversible screw handle .....	1.25
C/-3275 Needle and Spud, metal handle, with screw caps to protect blades .....	1.75



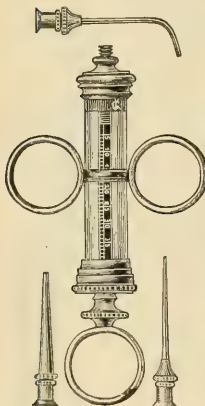
C/-3285-91



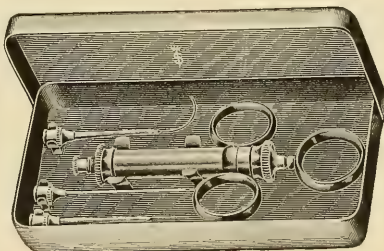
C/-3293



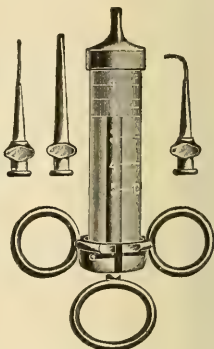
C/-3295



C/-3339



C/-3340



C/-3353

## Syringes

	Each
C/-3285 Anel's, hard rubber mounted, with glass barrel and 3 hard rubber canulae, in case \$ 2.75	
C/-3291 Anel's, metal mounted, with glass barrel, and 3 metal canulae, in case.....	3.00
C/-3293 Anel's, all metal, metal plunger, with 3 canulae in metal case.....	3.50
C/-3295 Beck's Paraffin Syringe, for injecting cold paraffin into the lachrymal sac, and for plastic surgery on the nose, etc., with 4 tubes of sterile paraffin, in case..	12.00
C/-3327 Knapp's, with 1 gold-plated canula, in case .....	2.00
C/-3339 Luer's, glass barrel, metal mounts, with 3 canulae, in case.....	3.50
C/-3340 Luer's, all metal, metal packing, with 3 canulae, in metal case.....	4.00
C/-3345 McFarlan's, glass barrel, metal mounts, with 1 canula, in case.....	1.50
C/-3353 "Record," 5 cc., with 3 canulae, in metal case.....	6.50

The two small canulae, straight and curved, have fine gold-plated tips



C/-3327

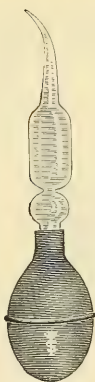


C/-3345

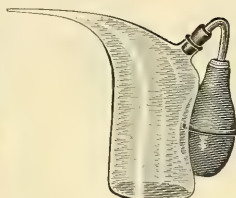




C/-3359



C/-3383



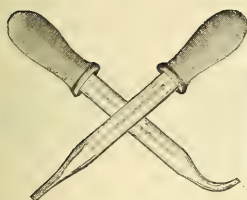
C/-3385



C/-3387



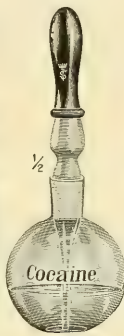
C/-3389-90



C/-3393



C/-3405



C/-3417



C/-3419



C/-3421

## Syringes

(Continued)

	Each
C/-3359 Stevenson's, glass barrel, with asbestos plunger, 3 canulæ, in case.....	\$ 5.00

## Sundry Eye Instruments and Appliances

C/-3383 Gibson's Anterior Chamber Irrigator.....	1.00
C/-3385 Todd's Anterior Chamber Irrigator.....	1.15
C/-3387 Woodruff's Anterior Chamber Irrigator.....	.75
C/-3389 Heurteloup's Artificial Leech.....	1.50
C/-3390 Heurteloup's Artificial Leech, aseptic pattern, with boilable rubber plunger.....	3.00

## Sundry Eye Instruments and Appliances

(Continued)

	Dozen
C/-3393 Plain Eye Dropper.....	\$ .40
C/-3405 Andrews' Eye Dropper, for anterior chamber ..	\$ .60
C/-3417 Stroschein's Dropping Bottles, with ground-in pipettes; for sterilizing and keeping the liquids, in 4 different colors labeled as follows: atropine (violet), cocain (white), eserine (brown), homatropine (blue).....	.60
C/-3419 Tripod for above.....	1.00
C/-3421 Wooden stand for 4 Stroschein's bottles. Stand only.....	1.75



C/-3423



C/-3425



C/-3429



C/-3435



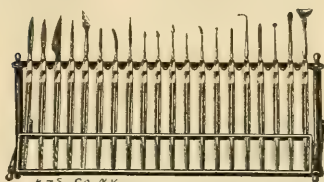
C/-3441



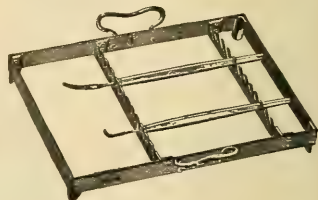
C/-3471



C/-3477



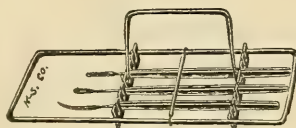
C/-3487-92



C/-3495-3507



C/-3511



C/-3509

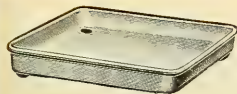


C/-3513-14

## Sundry Eye Instruments and Appliances

(Continued)

	Each		Each
C/-3423 Undine Eye Dropper.....	\$ .50	C/-3492 Metal Rack, upright, for 40 instruments.....	\$ 4.25
C/-3425 Ziegler's Boric Acid Wash Bottle.....	1.50	C/-3495 Metal Rack, horizontal, for 6 instruments.....	2.25
C/-3429 Eye Bath, porcelain.....	.15	C/-3501 Metal Rack, horizontal, for 12 instruments.....	2.75
C/-3435 Eye Bath, glass.....	.15	C/-3507 Metal Rack, horizontal, for 18 instruments.....	3.25
C/-3441 Eye Bath, glass, combined with bottle.....	.40	C/-3509 Metal Rack, with handle, for immersing instruments in tray with sterilizing solution. Prevents the edges of the knives from coming in contact with tray. For eight eye knives.....	2.00
C/-3471 Schweigger's Douche Tip, glass.....	.75	C/-3511 Cotton Reservoir, small size.....	1.25
C/-3477 Schweigger's Douche Tip, hard rubber.....	1.35	C/-3513 Seamless Metal Tray, nickel-plated, with folding handles, 7x3 inches.....	2.00
C/-3487 Metal Rack, upright, for 12 instruments.....	2.50	C/-3514 Seamless Metal Tray, nickel-plated, with folding handles, 8½x4¾ inches.....	2.75
C/-3488 Metal Rack, upright, for 20 instruments.....	2.75		
C/-3489 Metal Rack, upright, for 25 instruments.....	3.00		
C/-3490 Metal Rack, upright, for 30 instruments.....	3.50		
C/-3491 Metal Rack, upright, for 35 instruments.....	3.75		



P/-2002



P/-2402



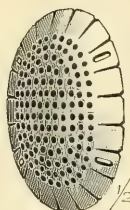
P/-2410



C/-3519



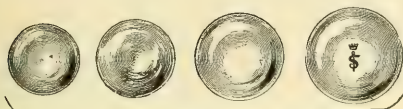
C/-3525



C/-3535



C/-3549



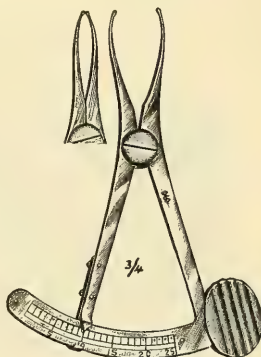
C/-3551



C/-3552



C/-3553



C/-3565



C/-3561

## Sundry Eye Instruments and Appliances

(Continued)

P/-2002 Instrument Trays, seamless, white steel porcelain, rectangular form.

Each

Sizes,  $4\frac{1}{4} \times 3$  inch ..... \$ .45  $5\frac{1}{2} \times 4\frac{1}{4}$  inch ..... \$ .55

Sizes 7 x  $5\frac{1}{2}$  inch ..... \$ .75 8 x 6 inch ..... \$ .90

P/-2402 Porcelain Tray, with lip, size 7x5 inches ..... \$ .50

size 8x6 inches ..... \$ .65

P/-2410 Hirschberg's Porcelain Tray, with porcelain racks for eye instruments

Bottom dimensions, 5x12 inches ..... 1.90

Bottom dimensions, 4x9  $\frac{1}{2}$  inches ..... 1.50

C/-3519 Eye Shades, for 1 eye, 2 sizes ..... .10

C/-3525 Eye Shades, for 2 eyes, 2 sizes ..... .20

C/-3535 Fox's Eye Shield, aluminum ..... .50

C/-3549 Ring's Mask ..... Per dozen, \$3.50

C/-3551 Mule's Vitreous Spheres, 4 sizes ..... .35

C/-3552 Carter's Introducer for Mule's Vitreous Spheres ..... 2.75

C/-3553 Fox's Spatula-Scoop, for eversion ..... 1.25

C/-3561 Lawrence's Strabismometer, metal ..... 1.75

C/-3565 Woodruff's Strabismometer, automatic, for measuring the degrees

of strabismus ..... 5.50

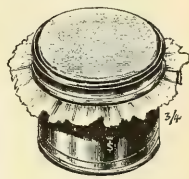
C/-3567 Test Drum, hard rubber, with fine kid, for testing the points of

instruments ..... .50

C/-3573 Goldbeater skin for same ..... piece .25 to

C/-3585 Fine kid skin for same ..... piece .50

C/-3591 Leiter's Lead Coil, for applying heat and cold ..... 1.00



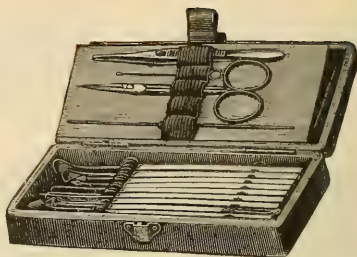
C/-3567



C/-3591



C/-3615



C/-3621

### Ophthalmic Operating Cases

C/-3615 Operating Set, in fine polished wood case..... Each \$ 10.00

Containing:

- 1 Beer's Cataract Knife
- 2 Desmarres' Eyelid Retractors

- 1 David's Curette and Spatula
- 1 Curved Foreign Body Needle
- 1 Iris Hook, sharp

- 1 Strabismus Hook
- 1 Iris Forceps, straight

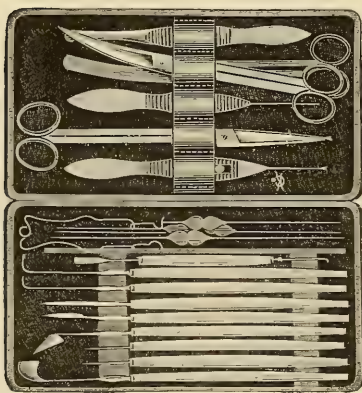
C/-3621 Operating Set, in fine polished wood case..... 18.00

Containing:

- 1 Beer's Cataract Knife
- 1 Graefe's Linear Knife
- 1 Jaeger's Keratome
- 1 Straight Cataract Needle

- 1 Curved Foreign Body Needle
- 2 Strabismus Hooks
- 1 Cystotome and Spoon
- 2 Desmarres' Eyelid Retractors

- 1 Curved Iris Scissors
- 1 Straight Iris Forceps
- 1 Graefe's Fixation Forceps
- 1 Set of Bowman's Probes

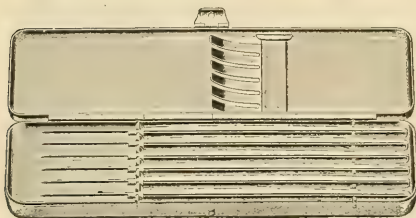


C/-3663

C/-3663 Callan's Operating Set, in fine polished wood case..... 19.50

Containing:

- 1 Desmarres' Eyelid Retractor
- 1 Cataract Needle, straight
- 1 Bowman's Stop Needle
- 1 Jaeger's Iridectomy Knife, slightly bent
- 1 Weber's Canaliculus Knife, probe-pointed
- 1 Graefe's Cataract Knife
- 1 Cystotome and David's Scoop
- 1 Plain Wire Eye Speculum
- 1 Set of Bowman's Lachrymal Probes
- 1 Graefe's Fixation Forceps, with catch
- 1 Enucleation Scissors
- 1 Iris Scissors, sharp-pointed, straight
- 1 Iris Scissors, sharp-pointed, curved on flat
- 1 Cilia Forceps
- 1 Iris Forceps
- 1 Graefe's Strabismus Hook
- 1 Theobald's Crotch Point Strabismus Hook



C/-3665

C/-3665 Graefe's Set of 6 Cataract Knives, in fine German silver case, complete..... 11.50

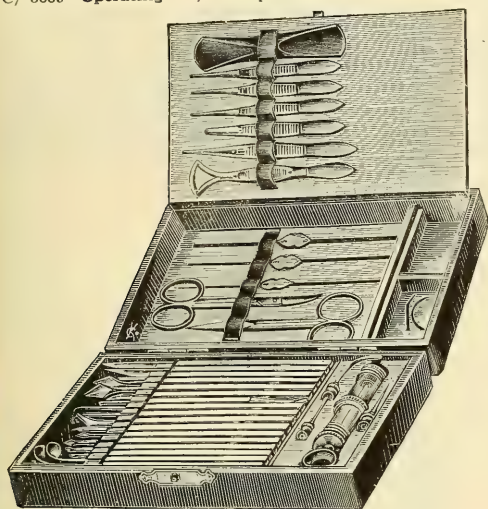
Case only..... 2.75



# Ophthalmic Operating Cases

(Continued)

C/-3669 Operating Set, in fine polished wood case..... Each \$ 35.00

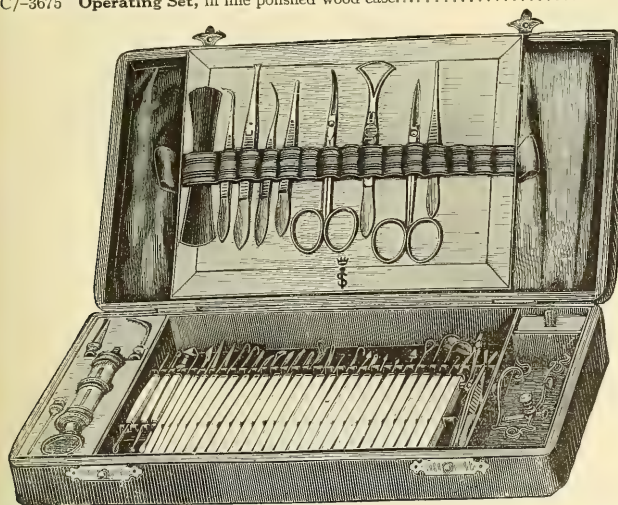


C/-3669-71

Containing:

- 2 Beer's Cataract Knives, 2 sizes
- 1 Jaeger's straight Keratome.
- 1 Jaeger's bent Keratome
- 1 Graefe's Linear Knife
- 1 Desmarres' Cornea Knife
- 1 Weber's Canaliculus Knife, bent
- 1 Graefe's Scarifying Knife
- 1 Straight Cataract Needle
- 1 Curved Foreign Body Needle
- 1 Bowman's Stop Needle
- 1 Desmarres' Paracentesis Needle
- 1 Cystotome and David's Scoop
- 1 Fine Straight Iris Scissors
- 1 Fine Curved Iris Scissors
- 2 Desmarres' Eyelid Retractors
- 1 Iris Forceps, straight, with mouse-teeth
- 1 Foreign Body Forceps, straight
- 1 Iris Forceps, curved, with mouse-teeth
- 1 Graefe's Fixation Forceps, with catch
- 1 Cilia Forceps
- 2 Strabismus Hooks
- 1 Anel's Eye Syringe
- 1 Jaeger's Hard Rubber Lid Spatula
- 1 Desmarres' Entropium Forceps
- 1 Set of 8 Bowman's Probes

C/-3671 Operating Set, same as above, in German silver case..... 42.50  
C/-3675 Operating Set, in fine polished wood case..... 51.00



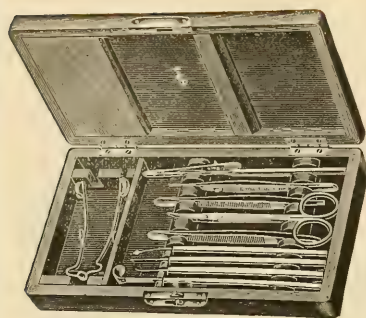
C/-3675-76

Containing:

- 2 Iridectomy Knives
- 1 Wecker's Sclerotomy
- 1 Weber's Canaliculus Knife
- 1 Desmarres' Secondary Knife
- 1 Graefe's Linear Knife
- 1 Lid Scarifier
- 2 Broad Cataract Knives
- 1 Dissection Needle
- 1 Straight Cataract Needle
- 1 Curved Cataract Needle
- 1 Straight Paracentesis Needle
- 1 Sharp Iris Hook
- 1 Blunt Iris Hook
- 1 Sharp Strabismus Hook
- 2 Blunt Strabismus Hooks
- 1 Weber's Fenestrated Scoop
- 1 Gouge
- 1 Iris Stylet, flexible
- 1 Knapp's Foreign Body Hook, silver
- 1 Tattooing Needle and Spatula
- 1 Meyhoefer's Double Curette
- 1 Cystotome and David's Scoop
- 1 Scoop, shell
- 2 Desmarres' Lid Retractors
- 1 Graefe's Eye Speculum
- 1 Wecker's Needle Holder
- 1 Cilia Forceps
- 3 Iris Forceps
- 1 Fixation Forceps, spring catch
- 1 Desmarres' Entropium Forceps
- 1 Jaeger's Plate, horn
- 1 Wecker's Iris Scissors
- 2 Iris Scissors, straight and curved
- 1 Anel's Lachrymal Syringe
- 2 Fine Needles

Each

C/-3676 Operating Set, same as above, in German silver case..... \$ 62.00



C/-3693

## Ophthalmic Operating Cases

(Continued)

C/-3693 Stevens' Operating Set, for tenotomy, in fine polished wood case ..... Each \$ 18.00

Containing:

- |                                     |                                     |
|-------------------------------------|-------------------------------------|
| 1 Stevens' Fixation Forceps         | 1 Stevens' Traction Hook            |
| 1 Stevens' Tendon Forceps, straight | 1 Stevens' Divulsor                 |
| 1 Stevens' Tendon Forceps, curved   | 1 Stevens' Scissors, curved on flat |
| 1 Stevens' Tendon Hook              |                                     |
| 1 Stevens' Speculum                 |                                     |
| 1 Stevens' Lid Retractor            |                                     |
| 1 Stevens' Needle Holder            |                                     |
| Fine Needles and Silk               |                                     |

## Oculists' Trial Sets

Each

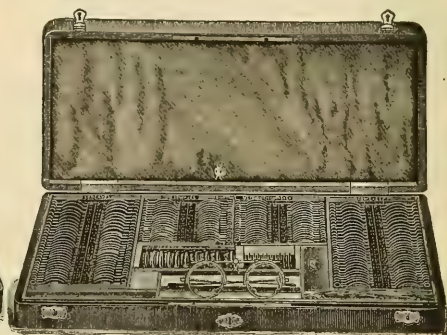
\*C/-3711 Loring's Student Trial Case, complete, with test types ..... \$ 14.00

Containing:

- |  |  |                         |
|--|--|-------------------------|
| 14 Convex Spherical Lenses, 25, 5, 1, 2, 3, 4, 8, D  | 10 Convex Cylindrical Lenses, 25, 5, 1, 2, 3, D  | 1 Graduated Trial Frame |
| 14 Concave Spherical Lenses, 25, 5, 1, 2, 3, 4, 8, D | 10 Concave Cylindrical Lenses, 25, 5, 1, 2, 3, D | 1 Set of Test Types     |



C/-3717



C/-3723

C/-3717 Stevens' Portable Trial Case, lenses mounted in silvered and gilt metal rims, with handle ..... \$ 42.00

Containing:

- |   |  |   |
|---|--|---|
| 20 Single Convex Spherical Lenses, from 0.25 to 10 D    | 13 Single Concave Cylindrical Lenses, from 0.25 to 4.5 D | 1 Opaque Glass                                    |
| 20 Single Concave Spherical Lenses, from 0.25 to 10 D   | 8 Prisms of 1, 2, 3, 4, 5, 6, 8, 10 degrees.             | 1 Stenopaic Disc, with hole                       |
| 13 Single Convex Cylindrical Lenses, from 0.25 to 4.5 D | 1 Red Glass  | 1 Stenopaic Disc, with slit                       |
|   | 1 Green Glass  | 1 Adjustable Double-grooved Graduated Trial Frame |
|   | 1 Blue Glass   | 1 Set of Test Types                               |

C/-3723 Nachet's Set of Trial Lenses, convex mounted in nickelled, concave in gilt rims, with handles. In fine leather-covered case, with removable tray and space below with divisions for spectacles, eye glasses and lenses, complete ..... 60.00

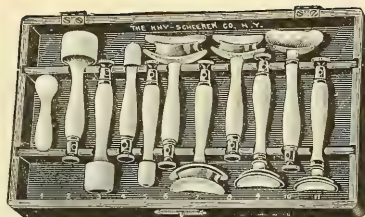
Containing:

- |  |   |   |
|--|---|---|
| 31 Pairs each Spherical Convex and Concave Centered Lenses, 0.12 to 0.13 diopters  | 16 pairs each Cylindrical Convex and Concave Centered Lenses, 0.25 to 4.50 diopters                     | 1 Plain Glass Disc  |
| 1 pair each .12, .25, .37, .50, .62, .75, 1.00, 1.12, 1.25, 1.50, 1.75, 2.00, 2.25, 2.50, 2.75, 3.00, 3.25, 3.50, 4.00, 4.50, 5.00, 5.50, 6.50, 8.00, 8.50, 9.00, 9.50, 10.00, 11.00, 12.00, 13.00 | 1 pair each, .25, .50, .62, .75, 1.00, 1.12, 1.25, 1.50, 2.00, 2.25, 2.50, 2.75, 3.25, 3.50, 4.00, 4.50 | 4 Colored Glass Discs, 2 smoke, 2 blue  |
| 10 Prisms, from 1 degree to 10 degrees, all mounted  | 1 Opaque Metal Disc   | 1 Half Opaque Glass Disc  |
|  | 1 Ground Glass Disc   | 1 Red Glass for Muscle Testing with Prisms  |
|  | 3 Metal Discs, stenopaic and pin hole   | 1 Adjustable Trial Frame, half R. B. temples, registering height and pupillary distance |
|  |   | Test Cards, Type, etc.  |

C. O.



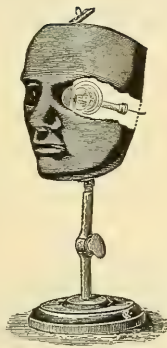
C/-3771



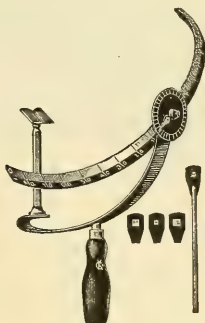
C/-3813



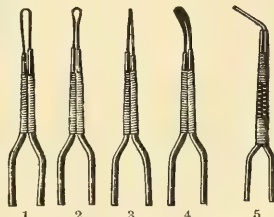
C/-3809



C/-3795-3801



C/-3807



G/-3267-71



G/-4201

## Test Sets for Color Blindness

- C/-3771 **Holmgren's**, test for color blindness. A complete set of 127 worsted skeins of correct colors and shades, with printed directions, in box. . . \$ 4.00
- \*C/-3789 **Snellen's**, test types. . . . . 25

## Miscellaneous Ophthalmological Apparatus

- C/-3795 **Waldau's Phantom Face**, for practicing on the eyes of the lower animals, for one eye, on stand. . . . . 8.50
- C/-3801 **Waldau's**, same, for both eyes, on stand. . . . . 10.00
- C/-3807 **Schweigger's Hand Perimeter**, with a set of white and colored discs fitting to a handle. . . . 12.00
- C/-3809 **Schiotz's Tonometer**, for estimating intraocular tension, with set of weights, complete in case. . . 30.00

- C/-3813 **Wirtz's Eye Electrodes**, for electrolytical treatment of cornea, conjunctiva and lid. Set of 11 ivory electrodes, in fine wooden case. . . . \$25.00

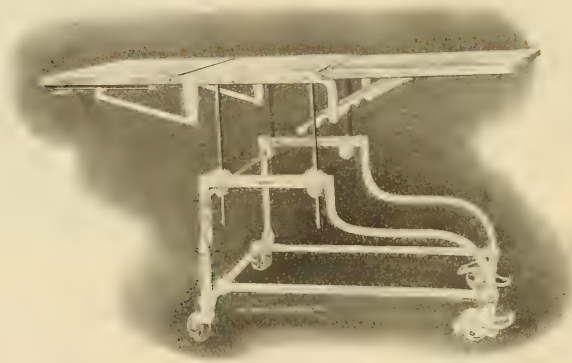
### Single Electrodes

- |   |      |
|---|------|
| 1. Instrument for modeling cornea electrode | 1.25 |
| 2. Cornea Electrode                         | 4.50 |
| 3. Cornea Electrode                         | 4.25 |
| 4, 5. Cornea Electrodes                     | 3.50 |
| 6, 7, 8. Lid Electrodes                     | 4.50 |
| 9, 10, 11. Conjunctiva Electrodes           | 4.50 |
- (Literature will be mailed upon application.)

## Cautery Burners for Eye and Ear Work

- G/-4267 **Eye and Ear Burners**, plain, silk-wrapped, straight, Nos. 1 to 5. . . . . 1.00
- G/-4271 **Eye and Ear Burners**, aseptic, can be boiled, straight, Nos. 1 to 5. . . . . 1.25
- G/-4201 **Cautery Handle**, plain, for eye and ear work. Made of ebony with insulated ivory circuit-breaker. To be used with burners G/-4267 to G/-4271. . . . . 5.00





1207-S

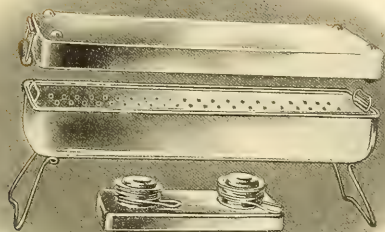
- 1207-S. Ophthalmic Operating Table**, N. Y. Post Graduate Hospital pattern, adjustable in height from 25 to 39 inches. Top is of nicalloy, made in three sections, each independently adjustable. The head end can be fixed above or below the plane of the table, and is supported on milled tool-steel racks, providing the greatest possible strength. The frame is white enameled, on 4-inch rubber-tired wheels, with two floor-brakes. Dimensions: 72 inches long, 20 inches wide..... **\$ 150.00** Each



1378-S

- 1378-S. Specialists' Cabinet**, constructed entirely of steel, white enameled, with five drawers having nickel-plated pull handles. Compartment for dressings, etc. It has plate-glass door and shelf. Lower cupboard for soiled linen, etc. White enameled finish. Nickel-plated hinges and knobs. Porcelain enameled top, 30 inches long, 18 inches wide..... **110.00**





5056-S

### Portable Surgical Instrument Sterilizers

**5056-S The "Asta" Portable Sterilizer**, for practitioners' use. The boiler is seamless, being stamped out of non-corrosive metal, heavily nickel-plated, with strong folding legs.

It has a perforated seamless metal tray for holding instruments, with a pair of wire hooks for lifting tray out of boiler.

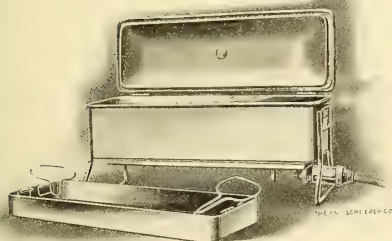
The cover is also seamless, overlaps the boiler and when inverted serves as a sterile tray.

Prices complete with alcohol burner:

Size  $7\frac{1}{8}$  in. x  $3\frac{1}{8}$  in. x  $1\frac{5}{8}$  in. height. **\$ 6.50**

Size  $8\frac{3}{4}$  in. x  $4\frac{3}{4}$  in. x 2 in. height. **8.40**

Electric Heaters can be furnished with the above sterilizers at additional, net **6.00**



5060-S

**5060-S Instrument Sterilizer**, specially designed for the N. Y. Post Graduate Hospital Clinic. Seamless, fitted with perforated tray and hinged cover. Unique electric heating attachment, with safety fuse nut to prevent injury to the apparatus or heater if permitted to run dry. Dimensions: 12 inches long, 4 inches wide, 3 inches deep. **30.00**

**5061-S Instrument Sterilizer**, the same as 5060-S, but equipped with plain electric heating attachment **21.00**

**5065-S Instrument Sterilizer**, the same as 5060-S, but without heater **13.50**

(Orders for electrically heated sterilizers should specify the voltage, and if for direct or for alternating current.)

## Artificial Eyes

In ordering an Artificial Eye the following questions should be answered:



1—Right or left eye? 2—Is the eyeball shrunken or removed? 3—Has an artificial eye been worn? 4—Is the sound eye prominent, very full or sunken? 5—Is the white of the eye clear or of a dark or yellowish tinge? 6—Color of iris. 7—Diameter of iris. 8—Diameter of pupil. 9—Distance from inner to outer canthus. 10—Greatest width of eye.



In cases where an artificial eye has been worn, it is desirable, in ordering another, to send the old one, whether broken or intact, as a sample, with answers to the following questions:

11—Is the eye a perfect and comfortable fit? 12—When the eyelids are closed, do they cover it completely? 13—If the eye occasions uneasiness, where is the pain felt? 14—Can this uneasiness be compared to a pressure or to the contact of some irritating substance? 15—Mention if any variations from sample are required in the color or diameter of the iris and pupil.

## Directions for Inserting and Removing an Artificial Eye

To insert the eye, hold it between the forefinger and thumb; wet it by dipping in water. Push its broad outer end under the upper eyelid and slide it up towards its destined position as far as it will readily go; retain it there with the forefinger and with the finger of the other hand draw down the lower eyelid till the lower edge slips in. The insertion will be facilitated by looking downward.

To remove the eye, depress the lower eyelid with the finger, pass the edge of the thumb-nail, the head of a pin, a little hook or any small blunt instrument under the edge of the eye, lift it forward and let it slip out. Both in inserting and extracting an artificial eye it is best to hold the face over a bed, a soft cushion or the like, so that if the eye should slip out of the fingers it will not be broken in falling. The artificial eye should be taken out on going to bed and placed in water to cleanse it of the mucus which may be adherent to it. The depression at the top of an artificial eye is for the purpose of preventing the eye from interfering with the action of the superior oblique in cases where this muscle still retains its insertion in the sclerotic.

Dr. Snellen's "Reform" Artificial Eye, with concavity closed by glass disc, giving a broader surface for resting upon the stump of the enucleated eye, assuring greater mobility, prevention of the accumulation of mucus and fluids, and avoidance of the irritation often produced by an eye of the usual make when worn for some time.

Artificial Human Eyes, shell, when selected from stock .....	Each <b>\$ 3.00</b>
Artificial Human Eyes, shell, made to order .....	<b>6.00</b>
"Reform" Artificial Human Eyes, when selected from stock .....	<b>5.00</b>
"Reform" Artificial Human Eyes, made to order .....	<b>10.00</b>

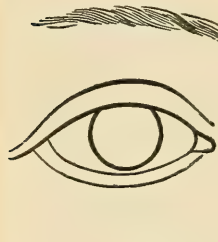


Fig. 30

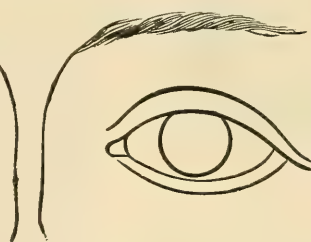


Fig. 31

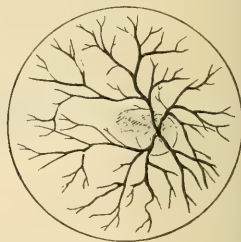


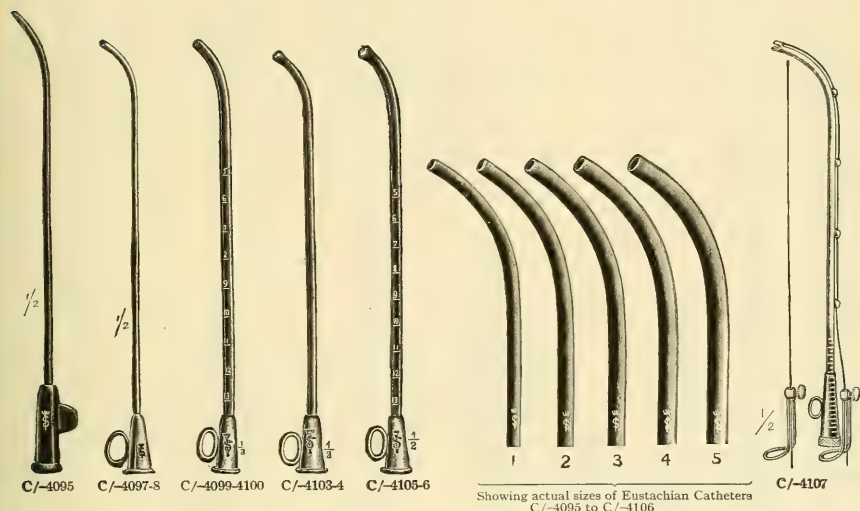
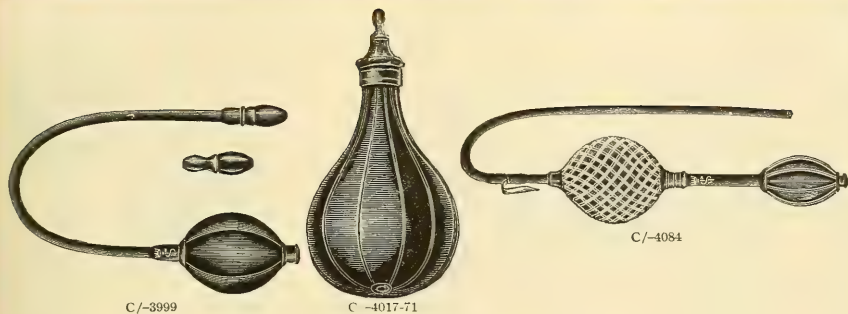
Fig. 37

## Rubber Stamps

A/-4036 Anatomical Diagrams for diagnosis and pathological records. . . . .	Each
Fig. 30 Eye, right .....	<b>\$ .80</b>
Fig. 31 Eye, left .....	<b>.80</b>
Fig. 37 Retina .....	<b>.80</b>

Illustrations represent actual sizes.

For complete assortment of Anatomical Rubber Stamps, see Catalogue, section A.

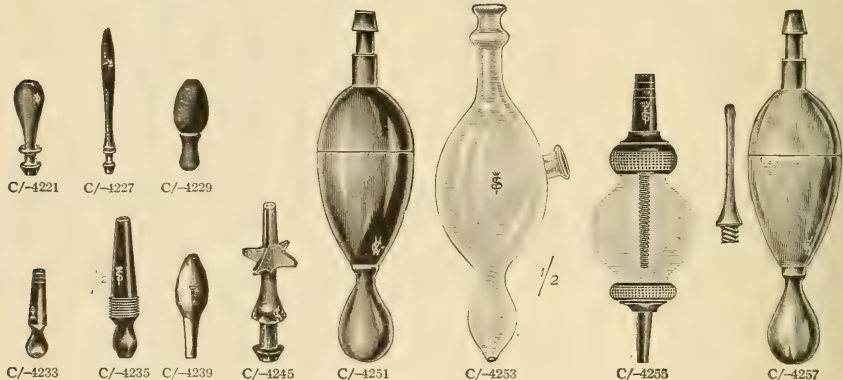
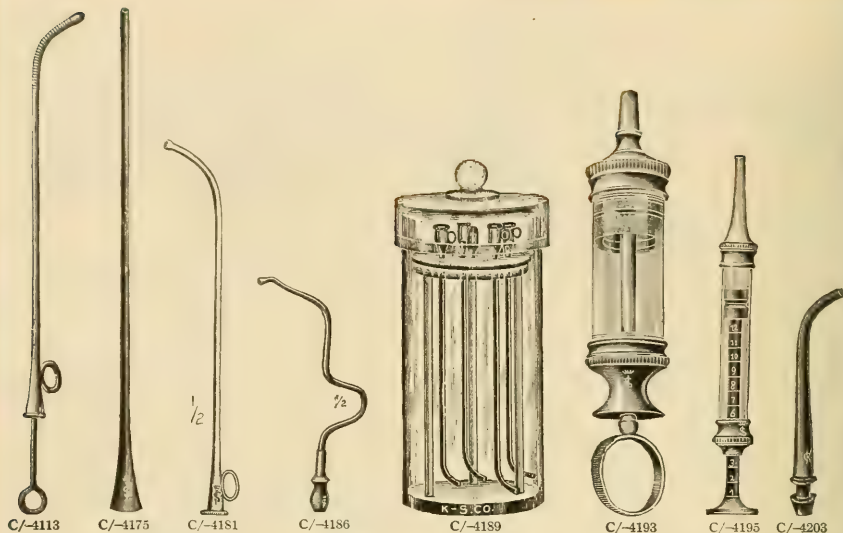


## Air Bags for Inflating the Eustachian Canal and Accessories

	Each
C/-3999 Lennox Browne's.....	\$ 1.75
C/-4017 Politzer's, 4 oz., plain.....	1.00
C/-4023 Politzer's, 4 oz., with valve.....	1.15
C/-4029 Politzer's, 6 oz., plain.....	1.25
C/-4035 Politzer's, 6 oz., with valve.....	1.40
C/-4041 Politzer's, 8 oz., plain.....	1.50
C/-4047 Politzer's, 8 oz., with valve.....	1.65
C/-4053 Politzer's, 10 oz., plain.....	1.60
C/-4059 Politzer's, 10 oz., with valve.....	1.80
C/-4065 Politzer's, 12 oz., plain.....	2.00
C/-4071 Politzer's, 12 oz., with valve.....	2.25
C/-4084 Lucae's, double balloon, for catheterism.....	2.75

## Eustachian Catheters

	Each
C/-4095 Hard Rubber, 5 sizes, cylindrical.....	\$ .30
C/-4097 Cylindrical, plain, 5 sizes, German silver.....	.60
C/-4098 Cylindrical, plain, 5 sizes, silver.....	1.50
C/-4099 Cylindrical, graduated, 5 sizes, German silver.....	.75
C/-4100 Cylindrical, graduated 5 sizes, silver.....	1.65
C/-4103 Olive Point, plain, 5 sizes, German silver.....	.75
C/-4104 Olive Point plain, 5 sizes, silver.....	1.65
C/-4105 Olive Point, graduated, 5 sizes, German silver.....	.90
C/-4106 Olive Point, graduated, 5 sizes, silver.....	1.80
C/-4107 Dench's, graduated, pure silver, with 3 bougies.....	4.00



## Eustachian Catheters

(Continued)

	Each
C/-4113 Herzfeld's, spiral end, 1 size.....	\$ 1.50
C/-4175 Weber-Liel's, tube of silk, for use through eustachian catheters.....	1.00
C/-4181 Yankauer's, silver, one size.....	1.50
C/-4186 Heath's Air Canula, silver, right or left, for clearing auditus and antrum.....	1.25
C/-4189 Glass Jar, with metal stand, for eustachian catheters, sinus canulae, etc.....	2.50

## Eustachian Syringes

C/-4193 Freeman's Syringe, for use with eustachian catheters.....	1.50
C/-4195 Weber's Syringe, for use with Weber-Liel's tubes.....	1.50

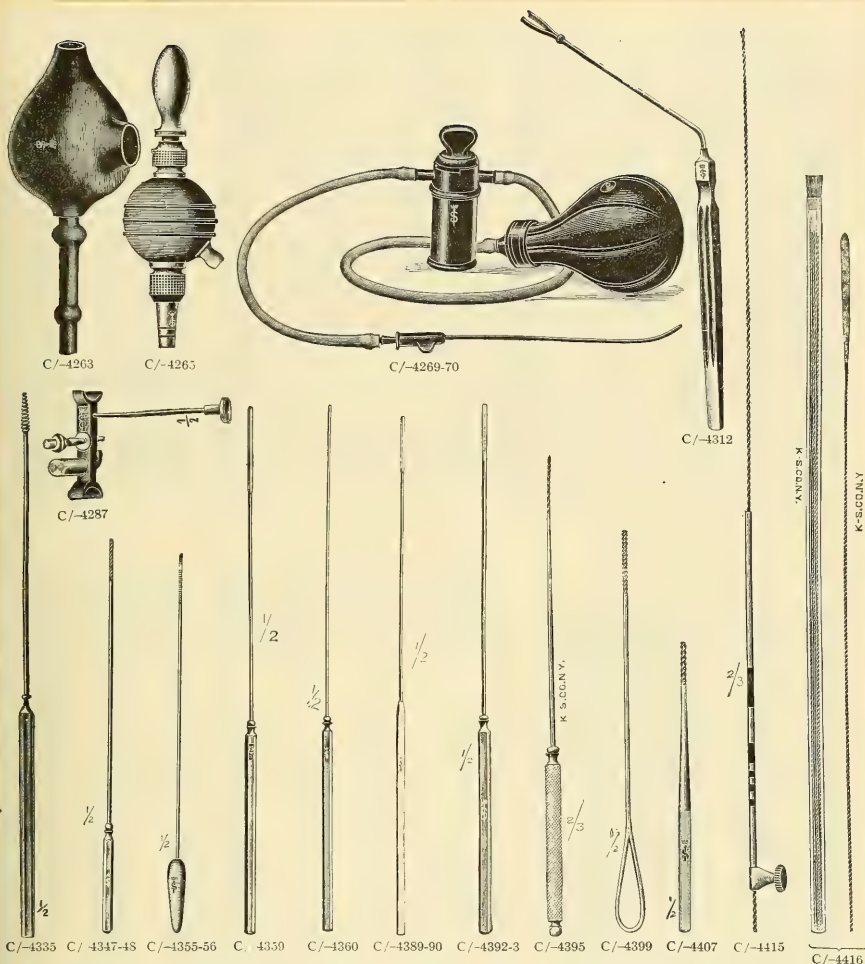
## Nozzles

	Each
C/-4203 Knapp's, hard rubber.....	\$ .25
C/-4221 Hard Rubber, olive-pointed, flat.....	.25
C/-4227 Hard Rubber, oblong, round.....	.25
C/-4229 Hard Rubber, olive-pointed, round.....	.25
C/-4233 Hard Rubber Connection Piece, for hard rubber eustachian catheters.....	.20
C/-4235 Hard Rubber Connection Piece, for metal eustachian catheters.....	.20
C/-4239 Glass.....	.15
C/-4245 Buck's, hard rubber.....	.70

## Insufflators

C/-4251 Buttle's Iodine Inhaler, hard rubber.....	.90
C/-4253 Buttle's Iodine Inhaler, glass.....	.50
C/-4255 Hartmann's insufflator, glass, hard rubber mounted.....	1.75
C/-4257 Roosa's Iodine Inhaler, metal.....	1.50





### Insufflators

	Each
C/-4263 Pomeroy's Iodine Inhaler, glass	\$ .40
C/-4265 Trautmann's Insufflator, metal	4.00
C/-4269 Dench's Vaporizer, hard rubber bottle with 2 hard rubber tips for tubing	1.75
C/-4270 Dench's Vaporizer, hard rubber bottle with tubing, connecting tips, hard rubber catheter and air-bag	4.50
*C/-4275 Dench's Vaporizer, glass bottle with hard rubber top, complete as under C/-4270	4.50

### Acoumeter

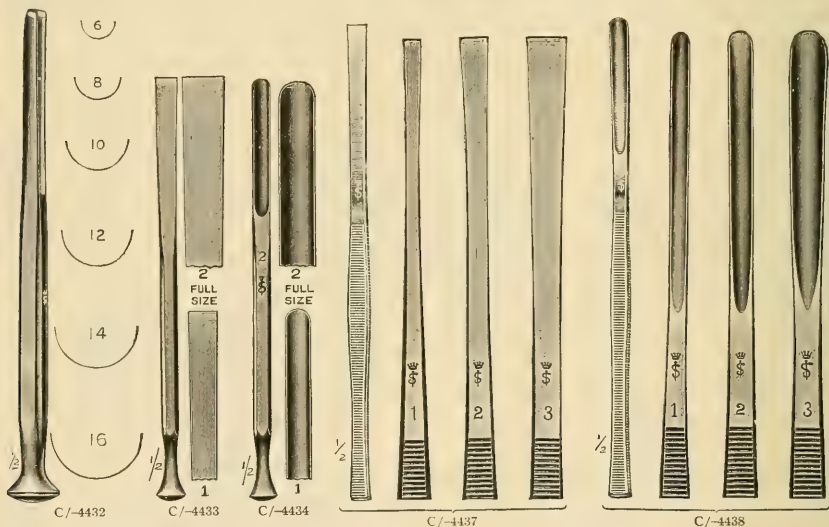
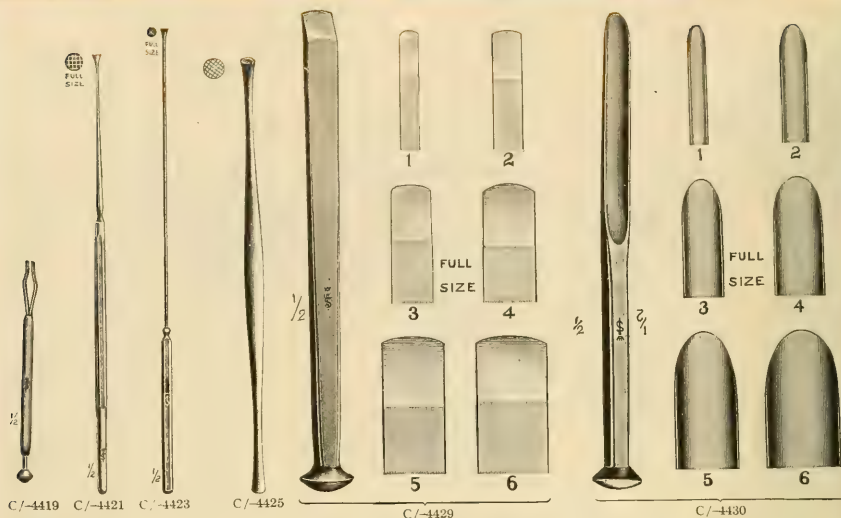
C/-4287 Politzer's, in case	2.75
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### Applicators

C/-4312 Troeltzsch's Caustic Holder	1.50
C/-4335 Cotton Carrier, screw end	.50

### Applicators

	Each
C/-4347 Allen's Cotton Carrier, plated	\$ .15
C/-4348 Allen's Cotton Carrier, aluminum	.15
C/-4355 Brown's Cotton Carrier, copper	.25
C/-4356 Brown's Cotton Carrier, aluminum	.25
C/-4359 Buck's Cotton Carrier, triangular end	.20
C/-4360 Buck's Cotton Carrier, round end	.20
C/-4389 Holcomb's Cotton Carrier, copper	.20
C/-4390 Holcomb's Cotton Carrier, aluminum	.20
C/-4392 Holtz's Cotton Carrier, copper	.25
C/-4393 Holtz's Cotton Carrier, aluminum	.25
C/-4395 Holtz's Cotton Carrier, silver, very fine	.40
C/-4399 Liebermann's Cotton Carrier	.25
C/-4407 Trautmann's Cotton Carrier	.65
C/-4415 Yankauer's Graduated Handle for wire eustachian applicators, with one applicator	1.00
C/-4416 Yankauer's Wire Applicators, for above, put up 1 dozen in a glass tube	Doz. \$ .75



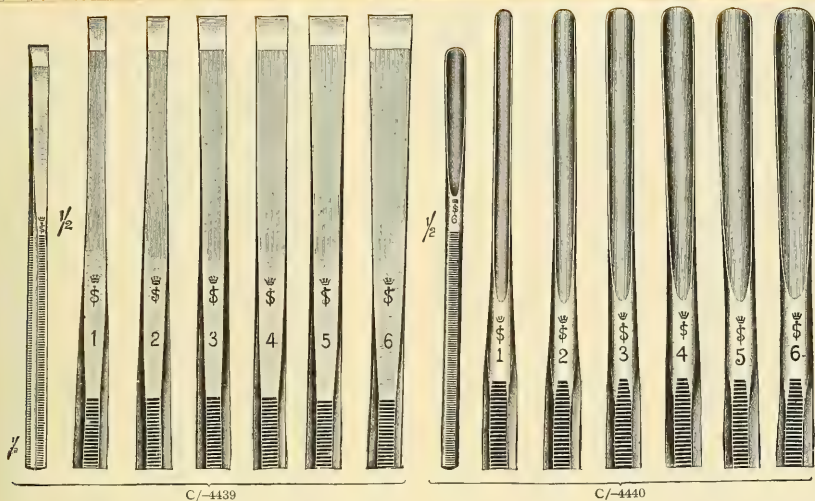
### Applicators

(Continued)

	Each
C/-4419 Hartmann's Sponge Holder.....	\$ .50
C/-4421 Allport's Gauze Packer.....	.75
C/-4423 Pierce's Gauze Packer.....	.30
C/-4425 Trautmann's Gauze Packer.....	.50

### Chisels and Gouges

	Each
C/-4429 Alexander's Mastoid Chisel, 6 3/4 inches, 6 sizes	\$ 1.85
C/-4430 Alexander's Mastoid Gouge, 6 3/4 inches, 6 sizes	2.25
C/-4432 Allport's Mastoid Gouge, 6 sizes.....	2.75
C/-4433 Andrews' Mastoid Chisel, 6 inches long, 2 sizes.	1.00
C/-4434 Andrews' Mastoid Gouge, 6 inches long, 2 sizes.	1.25
C/-4437 Bishop's Mastoid Chisel, 6 3/4 inches long, 3 sizes	.90
C/-4438 Bishop's Mastoid Gouge, 6 3/4 inches long, 3 sizes	1.00



C/-4439

C/-4440

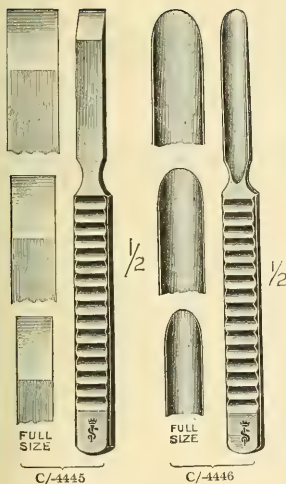


C/-4449

### Chisels and Gouges

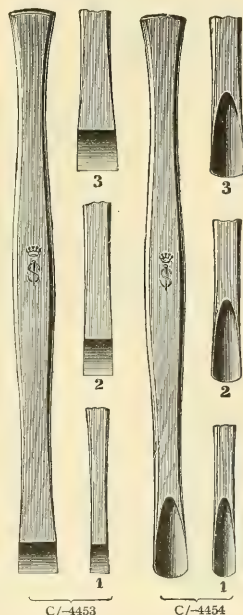
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	Each
C/-4439 Bishop's Mastoid Chisel, 6 inches long, 6 sizes....	\$ .75
C/-4440 Bishop's Mastoid Gouge, 6 inches long, 6 sizes.....	1.00
C/-4445 Down's Mastoid Chisel, 3 sizes....	.90
C/-4446 Down's Mastoid Gouge, 3 sizes....	1.00
C/-4449 Hand Gouge.....	1.00
C/-4453 Hartmann's Chisel, 4 inches long, 3 sizes.....	.60
C/-4454 Hartmann's Gouge, 4 inches long, 3 sizes.....	.75



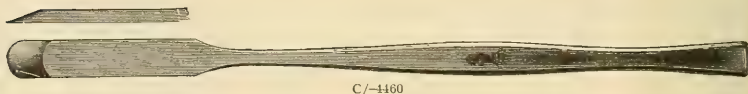
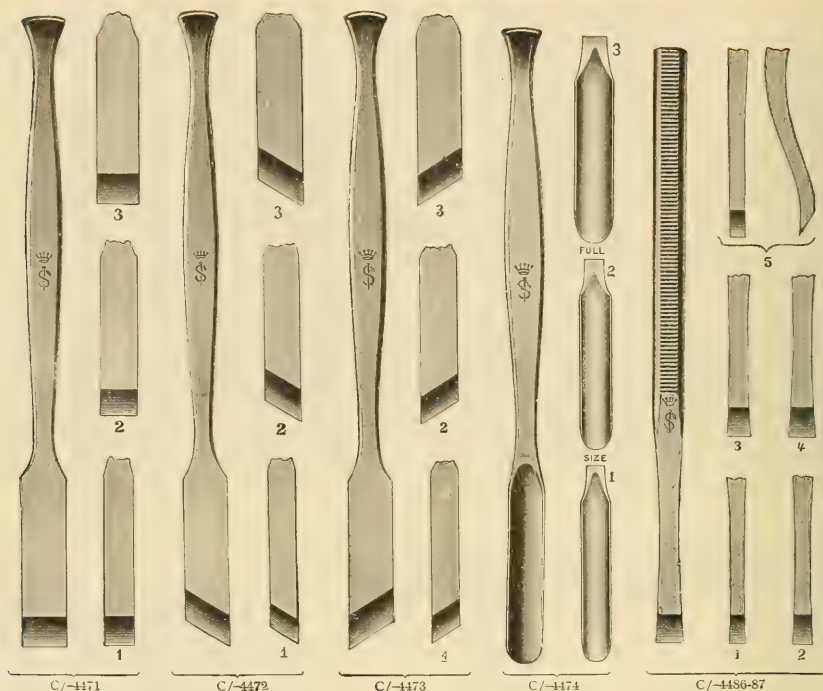
C/-4445

C/-4446



C/-4453

C/-4454

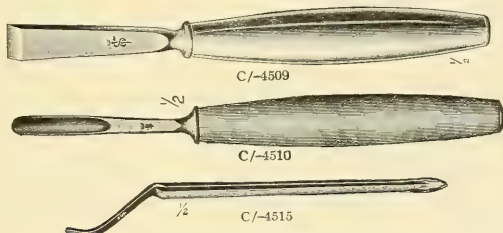
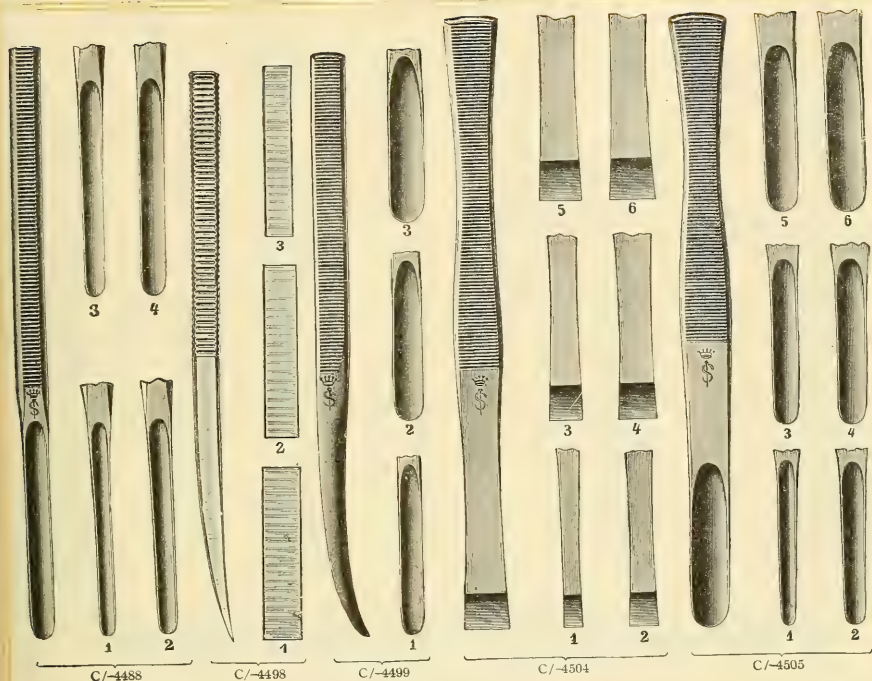


## Chisels and Gouges

(Continued)

	Each
C/-4457 Jacobson's Chisel, 4 $\frac{1}{2}$ inches long, very narrow.....	\$ .75
C/-4460 Lucas's Chisel, 5 $\frac{1}{2}$ inches long, convex edge.....	.75
C/-4463 Randall's Mastoid Gouge, with weighted handle.....	2.00
C/-4471 Schwabe's Chisel, straight edge, 4 $\frac{1}{2}$ inches long, 3 widths.....	.60
C/-4472 Schwabe's Chisel, oblique edge, right, 4 $\frac{1}{2}$ inches long, 3 widths.....	.60
C/-4473 Schwabe's Chisel, oblique edge, left, 4 $\frac{1}{2}$ inches long, 3 widths.....	.60
C/-4474 Schwabe's Gouge, 4 $\frac{1}{2}$ inches long, 3 widths.....	.75
C/-4479 Schwabe's Set of 6 Assorted Chisels and Gouges, in case.....	5.00
C/-4486 Schwartz's Chisel, straight, 4 sizes, Nos. 1 to 4.....	.60
C/-4487 Schwartz's Chisel, bayonet shape, No. 5.....	.75





### Chisels and Gouges

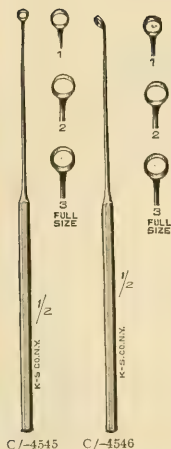
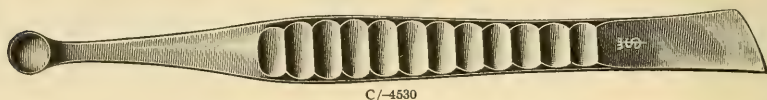
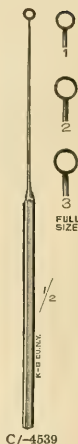
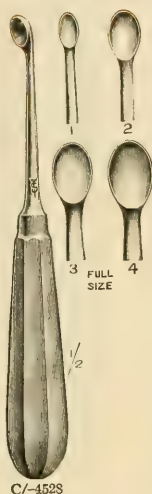
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		Each
C/-4488	Schwartz's Gouge, straight, 4 sizes	\$ .75
C/-4493	Schwartz's Set of 9 Assorted Chisels and Gouges, in case	6.75
C/-4498	Stacke's Curved Chisel, 3 widths	.90
C/-4499	Stacke's Curved Gouge, 3 widths	1.00
C/-4504	Trautmann's Chisel, 4 1/4 inches long, 6 widths	.60
C/-4505	Trautmann's Gouge, 4 1/4 inches long, 6 widths	.75
C/-4509	Whiting's Mastoid Chisel, 6 3/4 inches long, 4 widths	2.00
C/-4510	Whiting's Mastoid Gouge, 6 3/4 inches long, 4 widths	2.25

### Protectors and Guides

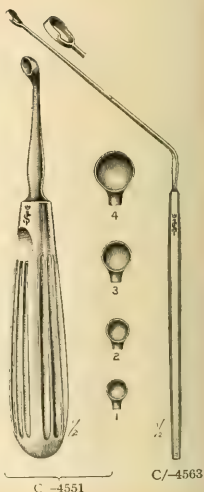
C/-4515	Bishop's Protector and Guide	1.25
C/-4517	Stacke's Elevator	1.25
C/-4520	Stacke's Protector and Guide	1.00

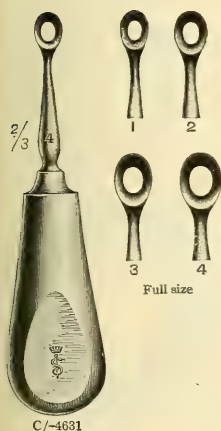
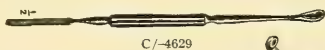
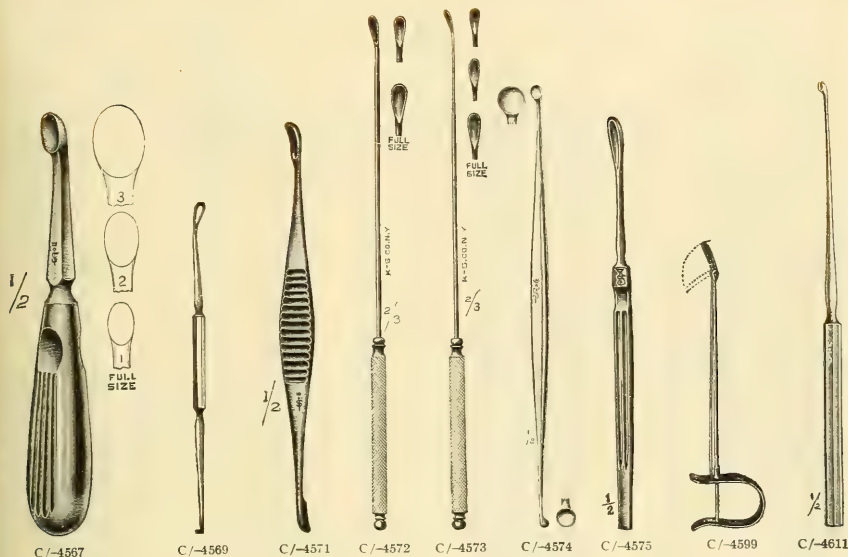




### Curettes and Spoons

	Each
C/-4526 Mastoid Curette, round, 4 sizes.....	\$ 1.50
C/-4528 Mastoid Curette, oval, 4 sizes.....	1.50
C/-4530 Mastoid Curette and Periosteotome ...	1.85
C/-4533 Bishop's Curette.....	1.00
C/-4535 Barth's, mastoid, small.....	1.75
C/-4536 Barth's, mastoid, large.....	1.75
C/-4539 Buck's Ear Curette, blunt, straight, 3 sizes.....	.60
C/-4540 Buck's Ear Curette, blunt, curved, 3 sizes.....	.60
C/-4545 Buck's Ear Curette, sharp, straight, 3 sizes.....	.65
C/-4546 Buck's Ear Curette, sharp, curved, 3 sizes.....	.65
C/-4551 Buck's Mastoid Curette, 4 sizes.....	1.50
C/-4563 Delstanché's Sharp Curette.....	1.50



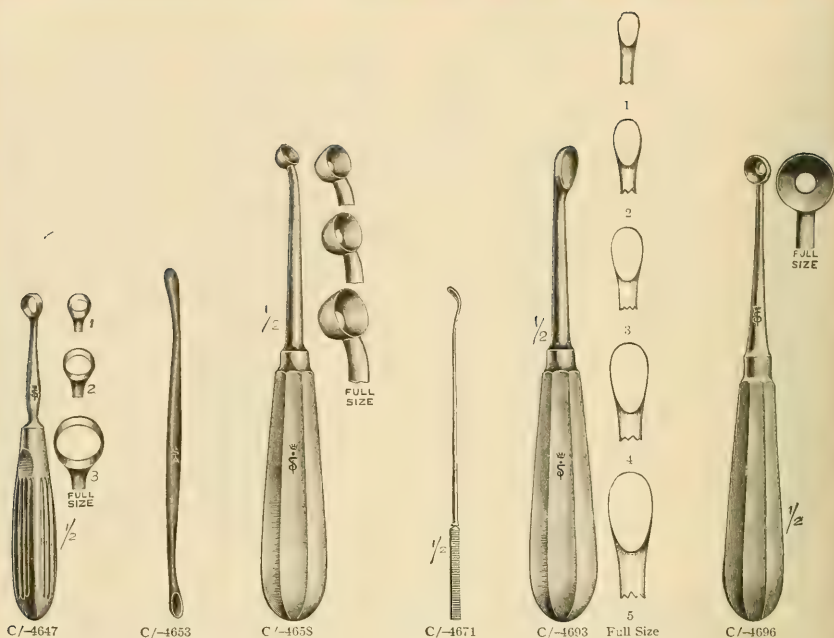


### Curettes and Spoons

(Continued)

	Each
C/-4567 Greene's Mastoid Curette, 3 sizes.....	\$ 2.00
C/-4569 Gross' Curette and Hook.....	.40
C/-4571 Hardy's Mastoid Curette, double-ended	2.00
C/-4572 Hotz's Ear Curette, blunt, silver, 2 sizes	.75
C/-4573 Hotz's Ear Curette, sharp, steel, 3 sizes	.90
C/-4574 Jansen's Double-ended Curette.....	1.50
C/-4575 Langenbeck's Plain Scoop.....	1.00
C/-4599 Quire's Automatic Finger.....	1.75
C/-4611 Wolf's Sharp Curette, for carious matter	1.50
C/-4623 Gross' Scoop and Hook.....	.30
C/-4629 Gross' Scoop and Spud.....	.40
C/-4631 McKernon's Fenestrated Mastoid Curette, solid handle can be used as mallet, 4 sizes.....	2.25
C/-4632 Katz's Mastoid Curette.....	2.00





### Curettes and Spoons

(Continued)

Each

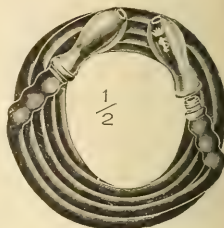
C/-4647	Politzer's Mastoid Curette, 3 sizes.....	\$ 1.50
C/-4653	Politzer's Double Scoop, hard rubber.....	.50
C/-4658	Richards' Mastoid Curette, with octagon metal handle, 3 sizes.....	2.25
C/-4671	Speir's Spiral Scoop.....	.75
C/-4693	Whiting's Mastoid Curette, with octagon metal handle, 5 sizes.....	1.75
C/-4696	Whiting's Mastoid Curette, fenestrated, with octagon metal handle.....	1.75
C/-4699	Yankauer's Eustachian or Salpingeal Curette, 3 sizes.....	2.00

### Diagnostic Tubes

C/-4701	Toynbee's.....	.40
C/-4703	Lloyd's, with sterilizable metal tips.....	1.25



C/-4701

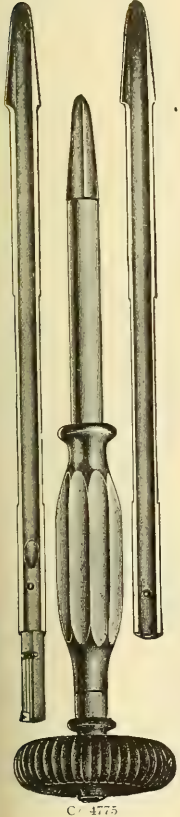
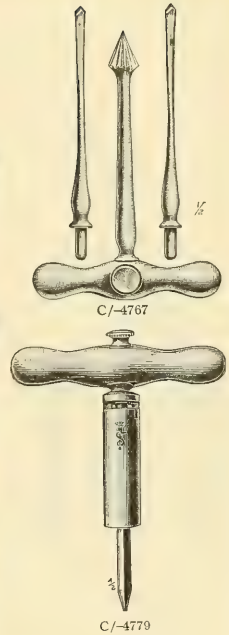
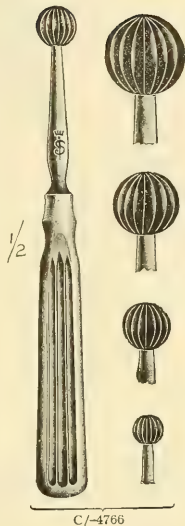
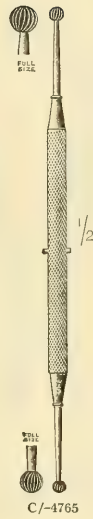


C/-4703



C/-4699





### Douches

	Each
C/-4731 Lucae's, glass.....	.25
C/-4737 Lucae's, hard rubber.....	1.25

### Drills

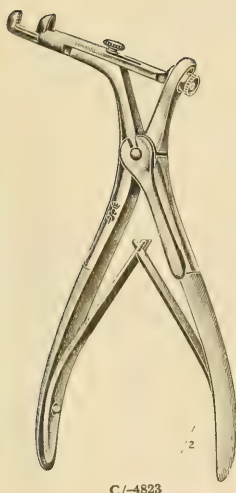
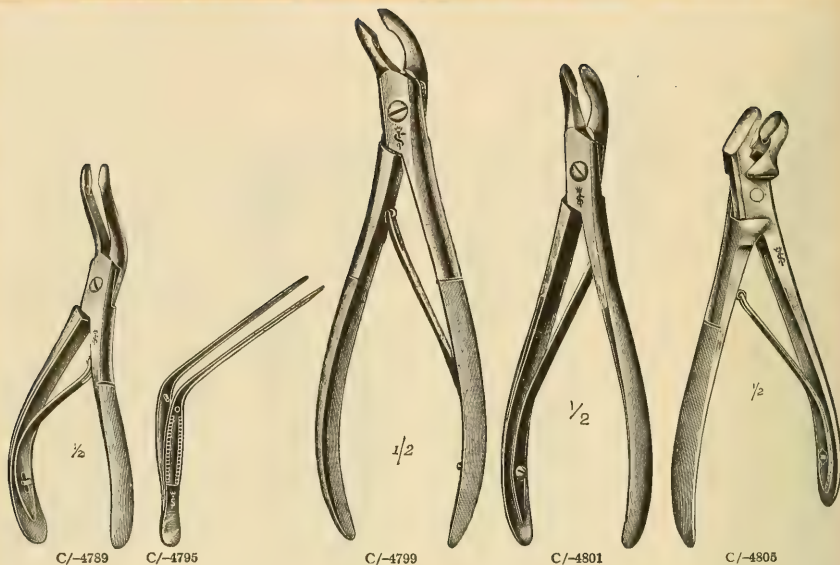
C/-4765 Allport's Eustachian Burr, double-ended, 2 sizes	2.50
C/-4766 Ballenger's Mastoid Burr, 4 sizes.....	2.75
C/-4767 Buck's, with 3 points, in case.....	3.00
C/-4775 Schwabe's (Russian) for mastoid.....	10.50
C/-4776 Stucky's Eustachian Burr.....	2.25
C/-4779 Wilson's, with adjustable guard.....	3.75

### Elevator

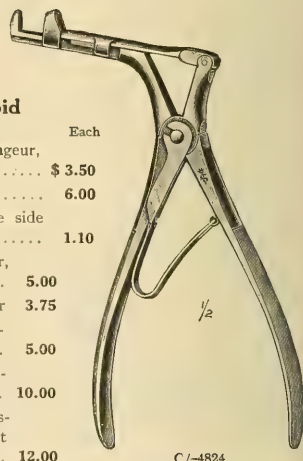
C/-4783 Allport's Periosteotome.....	1.50
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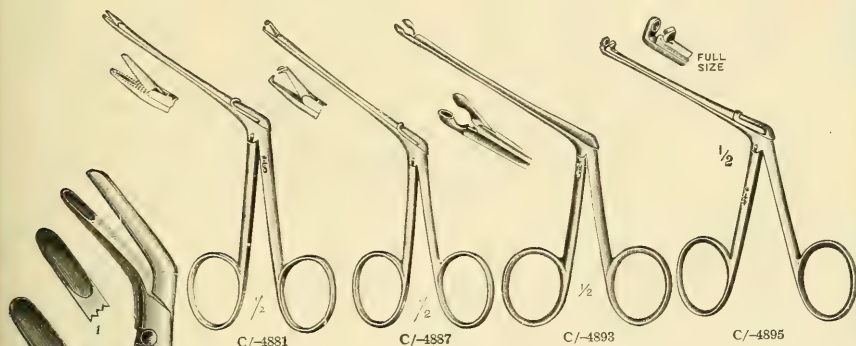
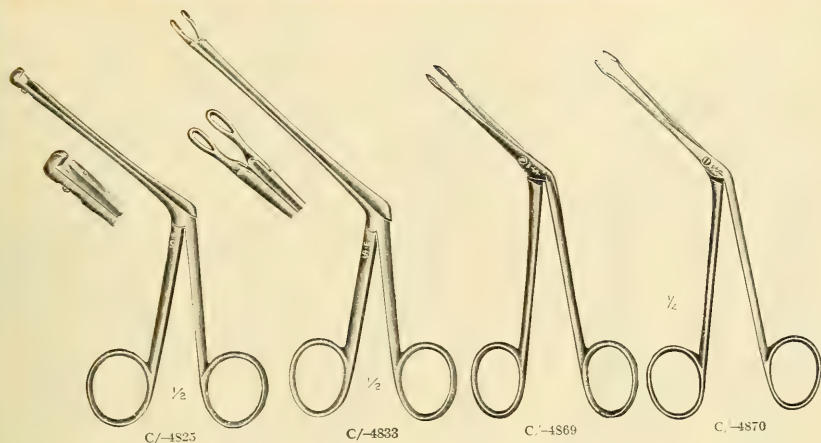


C/-4776



Forceps, Ear and Mastoid		Each
C/-4789	Alexander's Mastoid Rongeur, small pattern.....	\$ 3.50
C/-4793	Allport's Attic Forceps.....	6.00
C/-4795	Amberg's, very delicate, one side concave.....	1.10
C/-4799	Bacon's Mastoid Rongeur, curved on edge.....	5.00
C/-4801	Bane's Mastoid Rongeur.....	3.75
C/-4805	Barnhill's Mastoid Rongeur.....	5.00
C/-4823	Citelli's Mastoid Rongeur.....	10.00
C/-4824	Cozzolini-Allport's Mastoid Rongeur, latest pattern.....	12.00



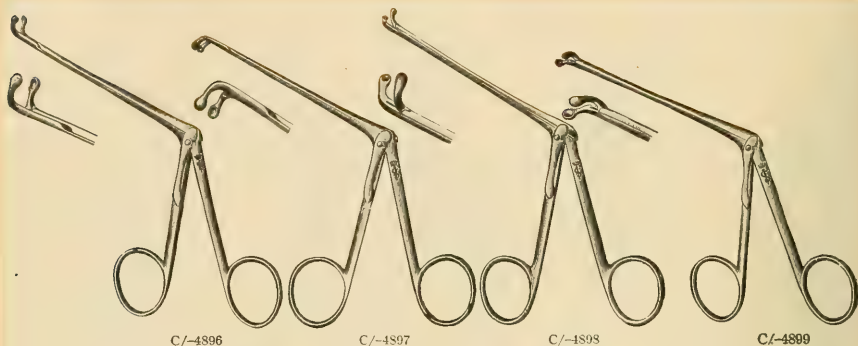


### Forceps, Ear and Mastoid

(Continued)

	Each
C/-4825 Dench's Middle Ear Clipper . . . . .	\$ 6.50
C/-4833 Durham's, fenestrated jaw . . . . .	4.50
C/-4869 Hartmann's, serrated jaw . . . . .	1.10
C/-4870 Hartmann's, serrated jaw, extra delicate . . . . .	1.25
C/-4875 Hartmann's Mastoid Rongeur, 2 sizes . . . . .	3.50
C/-4881 Hartmann's, alligator action, serrated jaw . . . . .	3.50
C/-4887 Hartmann's, alligator action, mouse-toothed . . . . .	3.75
C/-4893 Hartmann's, alligator action, spoon-shaped, cutting . . . . .	4.00
C/-4895 Hartmann-Citelli's, spoon-shaped cutting jaw, curved upward . . . . .	7.50

C/-4875

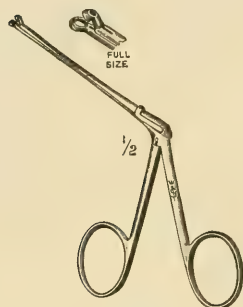


C/-4896

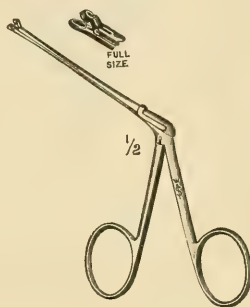
C/-4897

C/-4898

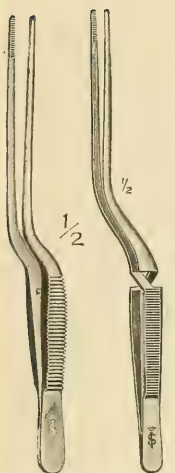
C/-4899



C/-4908



C/-4909



C/-4912

C/-4914

### Forceps, Ear and Mastoid

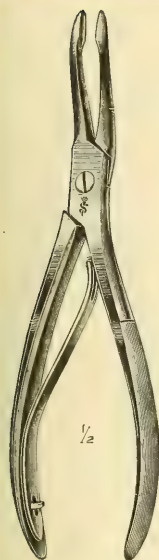
(Continued)

	Each
C/-4896 Hartmann-Herzfeld's, round cutting jaw curved up.....	\$ 5.00
C/-4897 Hartmann-Herzfeld's, round cutting jaw curved down.....	5.00
C/-4898 Hartmann-Herzfeld's, round cutting jaw curved right.....	5.00
C/-4899 Hartmann-Herzfeld's, round cutting jaw curved left.....	5.00
C/-4908 Hoffman's, cutting, punch-action, round jaw.....	7.50
C/-4909 Hoffman's, cutting, punch-action, oval jaw.....	7.50
C/-4912 Jansen's, bayonet shape.....	1.00
C/-4914 Jansen's, bayonet shape, cross-action .	1.50
C/-4915 Jansen's Mastoid Rongeur.....	3.75



C/-4915

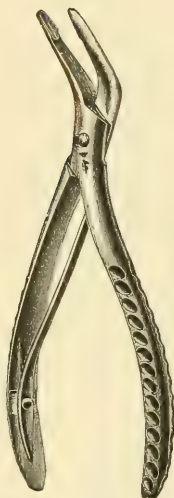




C/-4917



C/-4935



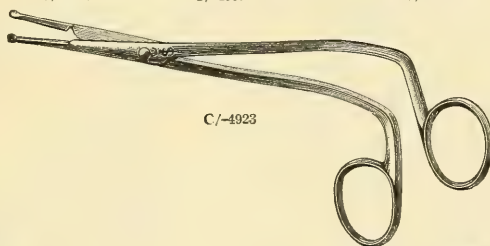
C/-4937



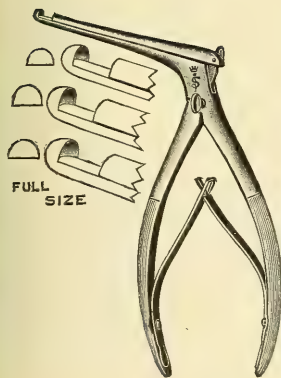
C/-4939



C/-4940



C/-4923

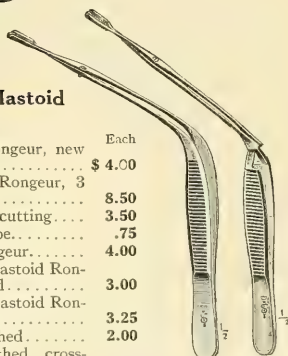


C/-4919

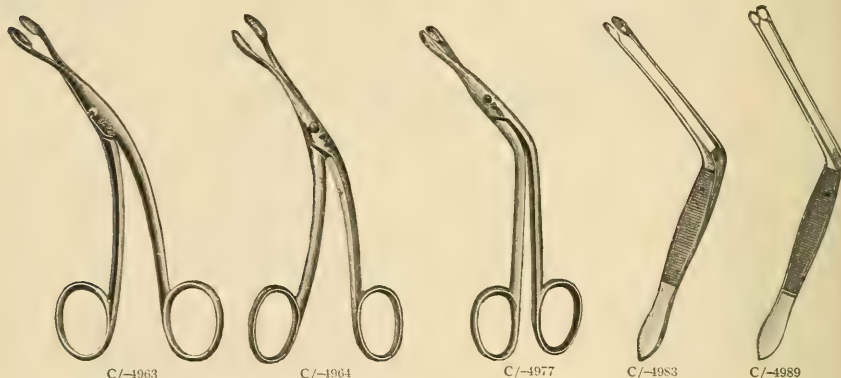
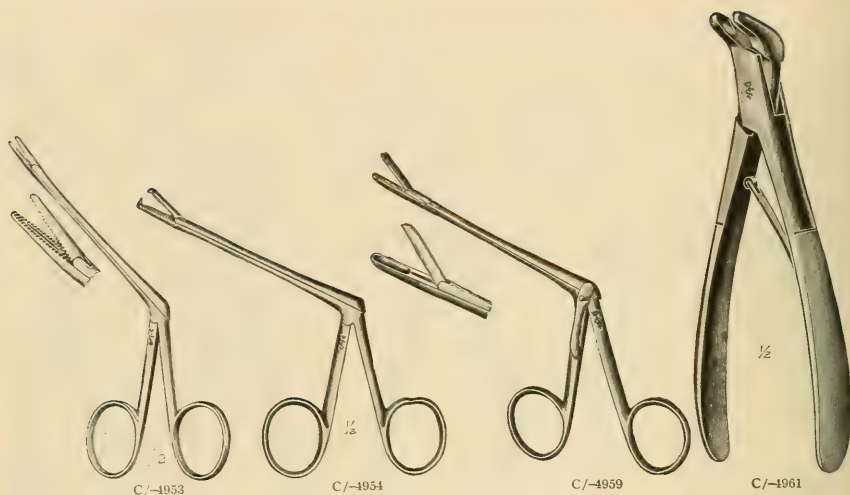
## Forceps, Ear and Mastoid

(Continued)

	Each
C/-4917 Jansen's Mastoid Rongeur, new pattern.....	\$ 4.00
C/-4919 Kerrison's Mastoid Rongeur, 3 sizes.....	8.50
C/-4923 Lange's, curette jaw, cutting.....	3.50
C/-4935 Lucæ's, bayonet shape.....	.75
C/-4937 Lucæ's Mastoid Rongeur.....	4.00
C/-4939 Luer-Hartmann's Mastoid Rongeur, slightly curved.....	3.00
C/-4940 Luer-Hartmann's Mastoid Rongeur, full curved.....	3.25
C/-4946 McKay's, mouse-toothed.....	2.00
C/-4947 McKay's, mouse-toothed, cross-action.....	3.00



C/-4946 C/-4947



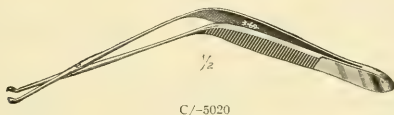
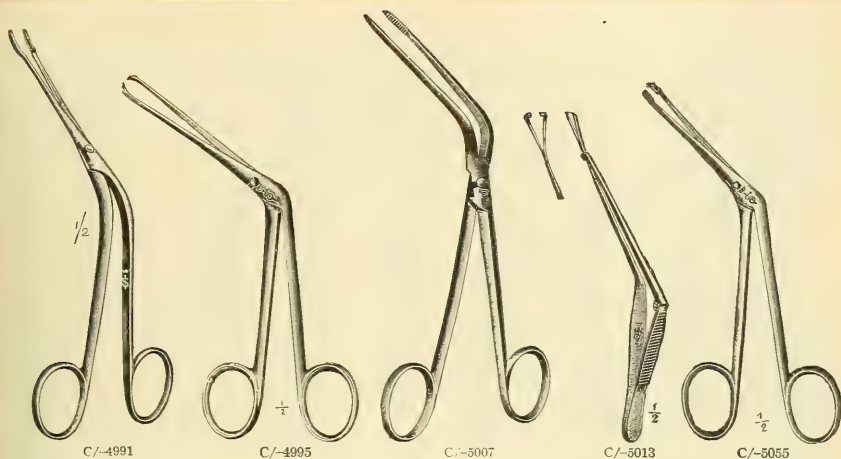
## Forceps, Ear and Mastoid

(Continued)

Each

Each

C/-4953	Noyes', alligator action, serrated jaw	\$ 2.00	C/-4964	Politzer's, scissors handle, curved on flat, serrated jaw	\$ 1.50
C/-4954	Noyes', alligator action, mouse-toothed jaw	2.25	C/-4977	Politzer's, scissors handle, curved on flat, cutting jaw	2.00
C/-4959	Noyes', alligator action, cutting jaw	4.00	C/-4983	Politzer's, pincer shape, solid jaw	1.35
C/-4961	Pierce's Mastoid Rongeur Forceps	4.50	C/-4989	Politzer's, pincer shape, fenestrated jaw	1.50
C/-4963	Politzer's, scissors handle, curved on edge, serrated jaw	1.50			

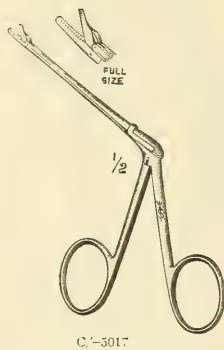
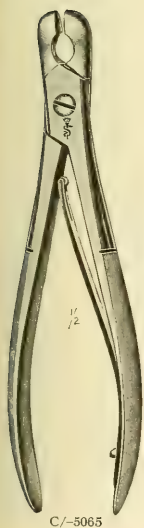


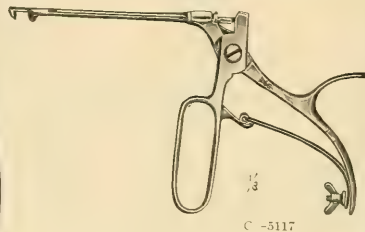
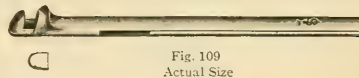
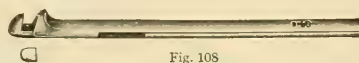
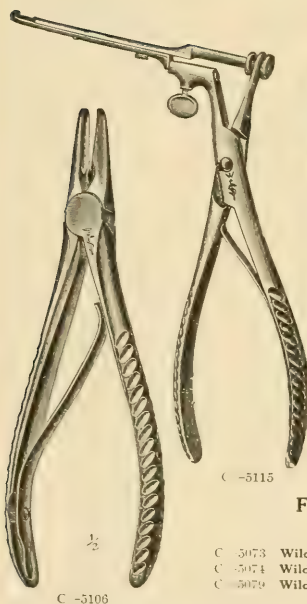
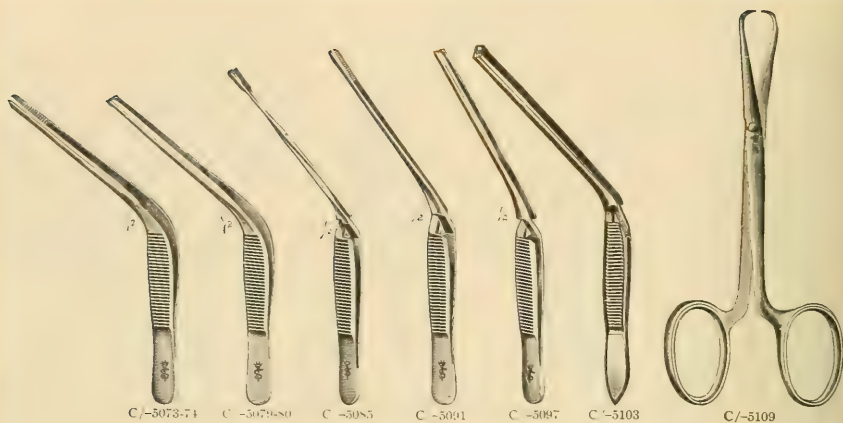
### Forceps, Ear and Mastoid

(Continued)

Each

C/-4991	Pollock's, double-curved.....	\$ 1.75
C/-4995	Pomeroy's, mouse-toothed.....	1.75
C/-5007	Roser's.....	1.25
C/-5013	Sexton's, mouse-toothed.....	3.00
C/-5017	Struycken's, cutting, punch-action, very narrow jaw.....	7.50
C/-5020	Stucky's Attic Forceps.....	6.00
C/-5055	Urbantschitsch's, fenestrated jaw.....	1.75
C/-5065	Whiting's Mastoid Rongeur....	3.75



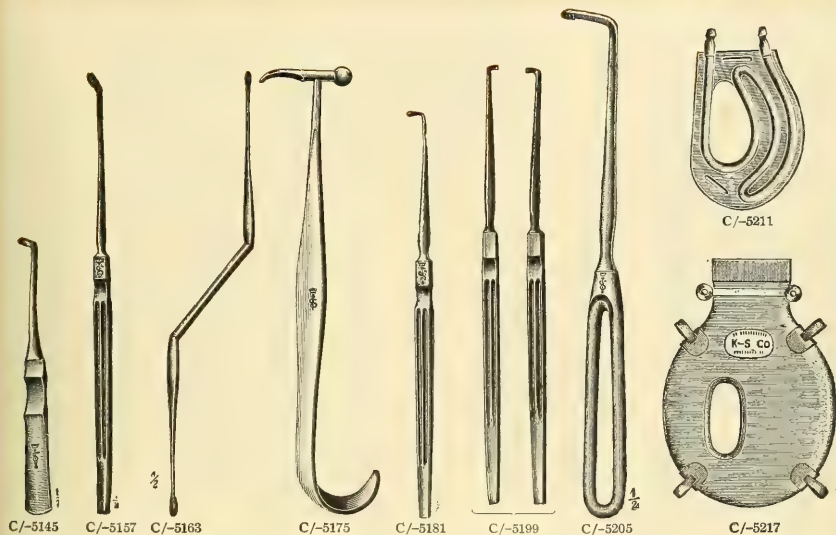


### Forceps, Ear and Mastoid (Continued)

	Each
C/-5073 Wilde's, serrated jaw, steel	\$ .70
C/-5074 Wilde's, serrated jaw, nickeline, non-corrosive	1.20
C/-5079 Wilde's, mouse-toothed, steel	.75

	Each		Each
C/-5090 Wilde's, mouse-toothed, nickeline, non-corrosive	\$ 1.25	C/-5107 Zaufal's Mastoid Rongeur, curved	\$ 4.00
C/-5085 Wilde's, double cross-action, very delicate, serrated jaw with mouse teeth	1.60	C/-5109 Foreign Body Forceps	1.60
C/-5091 Wilde's, cross-action, serrated	1.00	C/-5113 Hartmann's Gouging Forceps	10.00
C/-5097 Wilde's, cross-action, 1 and 2 mouse teeth	1.10	C/-5117 Hartmann-Faraci's Gouging Forceps, 2 sizes, Figs. 108 and 109, one blade with handle	11.25
C/-5103 Wilde's, cross-action, 2 and 3 mouse teeth	1.25	Blades only	5.25
C/-5106 Zaufal's Mastoid Rongeur, straight	3.75	For full assortment of blades fitting this universal handle, see C/-8139.	





### Hooks

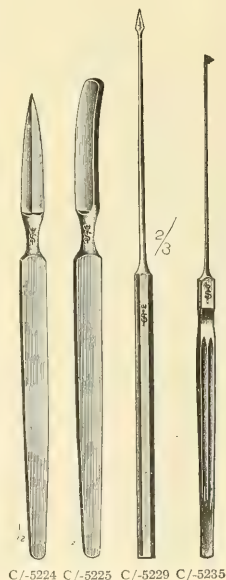
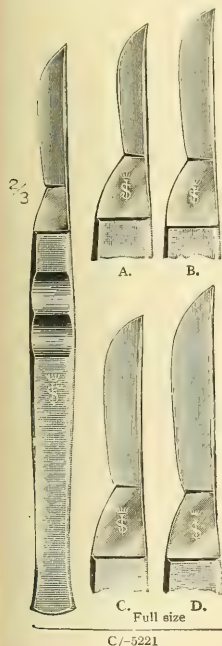
	Each
C/-5145 Lister's, foreign body.....	\$ .60
C/-5157 Moldenhauer's, foreign body.....	1.00
C/-5163 Sexton's, foreign body.....	1.50
C/-5175 Buck's Mastoid Hook and Guide.....	1.75
C/-5181 Allport's Incus Hook.....	1.35
C/-5199 Ludwig's Incus Hook, right or left.....	1.00
C/-5205 Schwartze's Mastoid Hook...	1.50

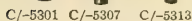
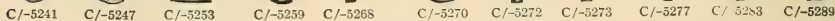
### Ice Bags

C/-5211 Leiter's Lead Coil, right or left, for hot or cold water..	1.50
C/-5217 Sprague's Ice or Water Bag, rubber.....	1.25

### Knives

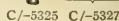
C/-5221 Mastoid Scalpel, finest English steel, hand-forged, 4 sizes..	1.50
C/-5224 Allport's Mastoid Knife, double edge.....	1.25
C/-5225 Allport's Mastoid Knife, convex edge.....	1.25
C/-5229 Buck's Myringotome.....	.75
C/-5235 Buck's Furuncle Knife.....	1.00

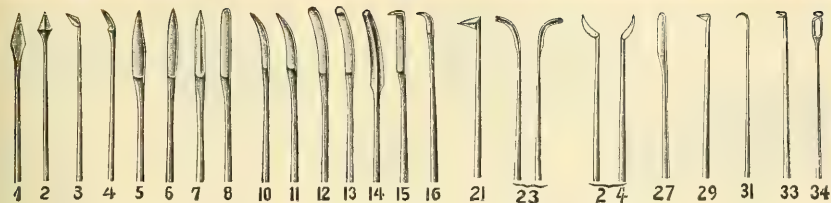




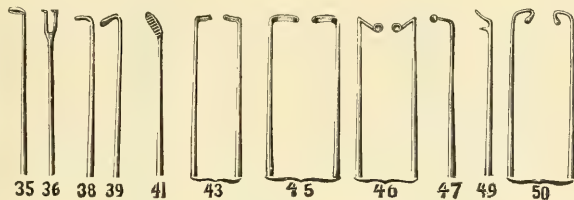
## (Continued)

	Each
C/-5241 <b>Buck's</b> Sharp-pointed Bistoury . . . . .	\$ 1.00
C/-5247 <b>Buck's</b> Probe-pointed Bistoury . . . . .	1.00
C/-5253 <b>Buck's</b> Mastoid Scalpel . . . . .	1.50
C/-5259 <b>Burnett's</b> Mastoid Knife . . . . .	1.50
C/-5268 <b>Hartmann's</b> Furuncle Knife . . . . .	1.50
C/-5270 <b>Heath's</b> Mental Flap Knife . . . . .	2.00
C/-5272 <b>Jacobson's</b> , for the stapedius muscle . . . . .	1.50
C/-5273 <b>Jacobson's</b> Lancet, for tympanic cicatricial tissues . . . . .	1.50
C/-5277 <b>Politzer's</b> , mastoid . . . . .	1.50
C/-5283 <b>Politzer's</b> , furuncle . . . . .	1.50
C/-5289 <b>Schwartz's</b> Tenotome, right or left . . . . .	1.60
C/-5301 <b>Sexton's</b> , for ossicles, right . . . . .	1.50
C/-5307 <b>Sexton's</b> , for ossicles, left . . . . .	1.50
C/-5313 <b>Sexton's</b> Trowel-shaped Perforator . . . . .	1.50
C/-5319 <b>Sexton's</b> Knife, straight, blunt point . . . . .	1.25
C/-5325 <b>Sexton's</b> , angular, sharp . . . . .	1.50
C/-5327 <b>Stacke's</b> , curved, right or left . . . . .	1.50
C/-5328 <b>Zaufel's</b> , two-bladed, in folding metal handle . . . . .	3.50

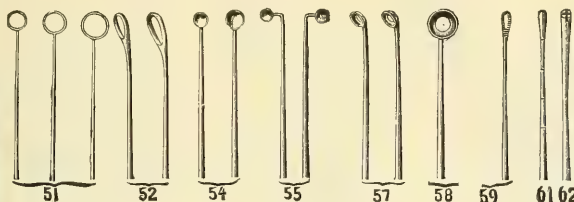




C/-5333



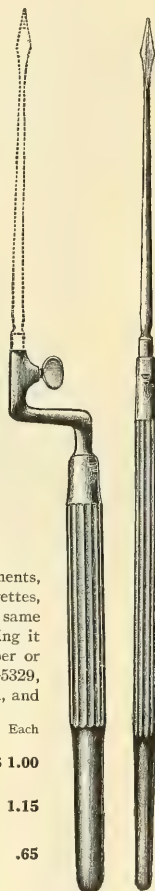
C/-5333



C/-5333



C/-5329

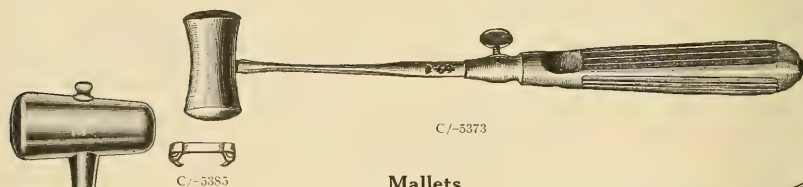
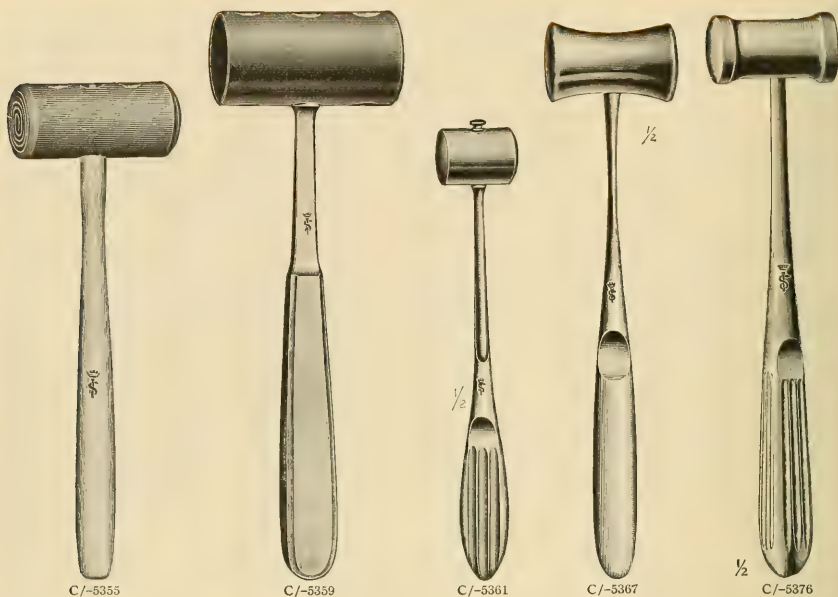


C/-5331 C/-5332

### Ear Instruments for Use With Universal Handle

These illustrations represent a very complete assortment of ear instruments, including Tympanum Perforators, Ear Knives, sharp and blunt Curettes, Probes, etc., etc. These instruments are all furnished with a shank of the same size, to fit into the Universal handles (C/-5329 or C/-5331), thus making it possible for the operator to select a set consisting of any desired number or combination of ear instruments. By means of the Universal handle C/-5329, the instruments may be held in either the straight or the angular position, and when placed in handle C/-5331 the bayonet position is obtained.

C/-5329	Universal handle for ear instruments, with set screw, holding instrument in either straight or angular position.....	Each \$ 1.00
C/-5331	Universal handle for ear instruments, with set screw, holding instrument in bayonet position.....	1.15
C/-5333	Ear Instruments, with shank to fit Universal handle C/-5329 or C/-5331, any blade, Figs. 1 to 62.....	.65
	Any of the above Ear Instruments, Figs. 1 to 62, with stationary handle (see C/-5332).....	.90



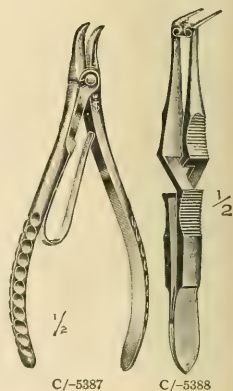
### Mallets

	Each
C/-5355 Rawhide, with wooden handle .....	\$ .75
C/-5359 Fibre, with metal handle.....	3.00
C/ 5361 Plain, lead filled, small size, flat faced..	1.50
C/-5367 Cholewa's, with fixed handle.....	1.75
C/-5373 Cholewa's, with adjustable handle.....	3.00
C/-5376 Hajek's, with metal handle.....	2.75
C/-5378 Jansen's, lead filled.....	1.75

### Suture Clips and Forceps

C/-5385 Michel's Suture Clips.....per 100	.85
C/-5386 Plain Forceps, for applying Michel's suture clips.....	.75
C/-5387 Allport's Forceps, for removing Michel's suture clips.....	1.75
C/-5388 "Asta" Forceps, for applying and removing Michel's suture clips.....	1.75

For full line of Suture Instruments and materials, see section B.



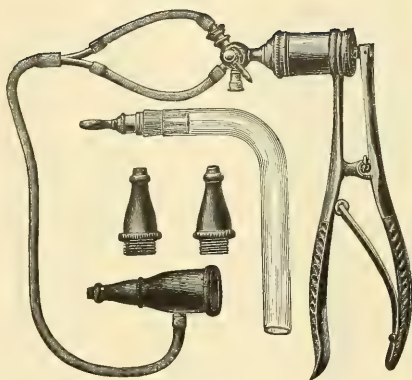




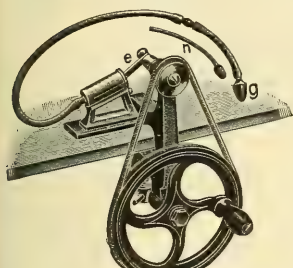
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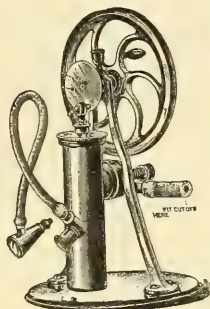
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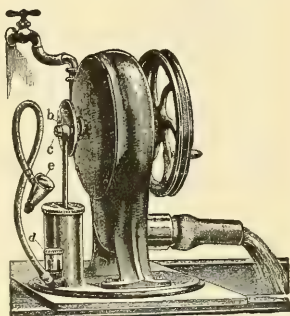
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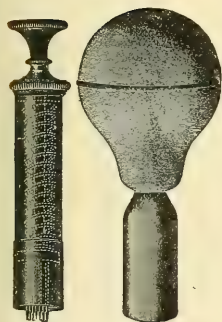
C/-5405



C/-5413



C/-5415



C/-5417

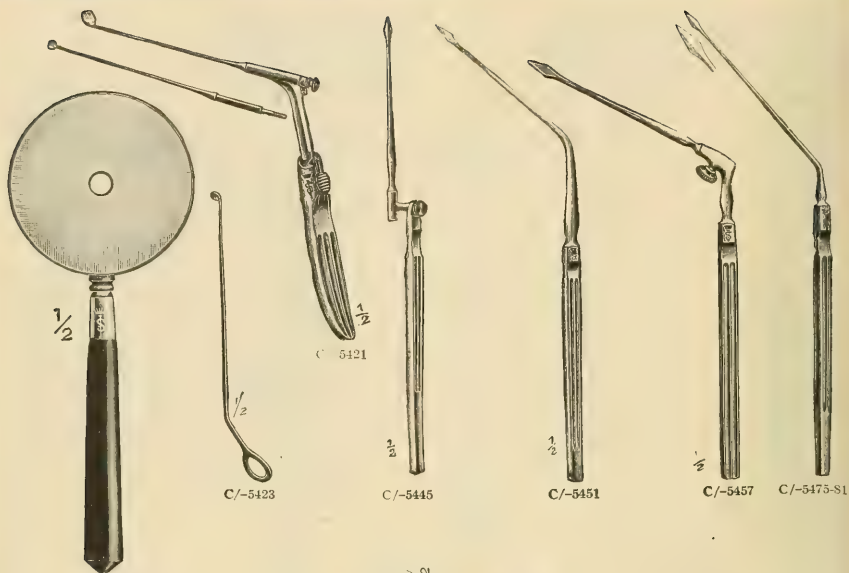
### Massage Instruments

	Each
C/-5391 Delstanche's.....	\$ 3.00
C/-5394 Delstanche's, with 3 rings.....	3.50
C/-5403 Delstanche's Rarefactor, with 3 tips and glass tube for artificial leech, in case.....	17.50
C/-5405 Noebel's, with table clamp.....	8.00
C/-5413 Wigmore's Compressed Air Engine Masseur.....	8.00
C/-5415 Wigmore's Water Motor Masseur.....	8.00

This masseur can be run by hand, by water or by a cord from a sewing machine or electric motor.

### Leeches

C/-5417 Bacon's, with glass cup and bulb.....	5.50
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C/-5427-33

C/-5423

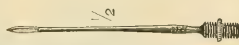
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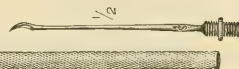
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C/-5475-S1



C/-5478



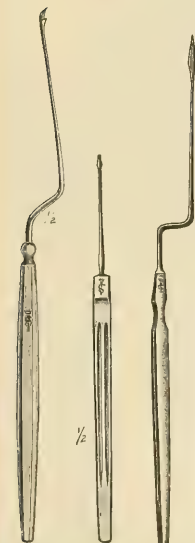
C/-5479

### Mirrors

	Each
C/-5421 Blake's, for inner ear.....	\$ 5.50
C/-5423 Botey's, tympanic, 3 sizes, 4, 5 and 6 mm.....	.90
C/-5427 Reflector, concave, 2 1/4 inches, with handle.....	1.35
C/-5433 Reflector, concave, 3 inches, with handle.....	1.50

### Perforators

C/-5445 Van Allen's, universal handle.....	1.75
C/-5451 Agnew's.....	1.00
C/-5457 Hartmann's.....	1.75
C/-5466 Pierce's, bayonet shape, with stop on blade.....	1.25
C/-5469 Politzer's, straight.....	1.00
C/-5475 Politzer's, angular, cutting vertically.....	1.25
C/-5478 Royce's, with straight blade, reversible handle.....	1.50
C/-5479 Royce's, with curved blade, reversible handle.....	1.50
C/-5481 Schwartz's, cutting horizontally.....	1.25
C/-5487 Trautmann's.....	1.25
C/-5493 Troeltsch's, with stop on blade.....	1.25
C/-5499 Williams'.....	1.75

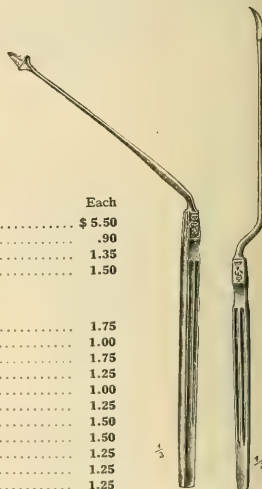


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C/-5469

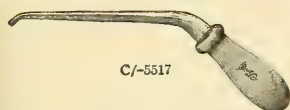
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C/-5493

C/-5499



C/-5517



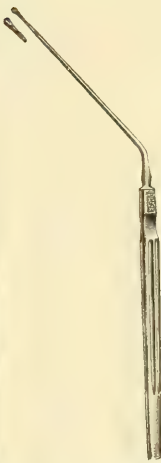
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C/-5559-60



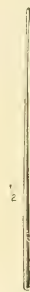
C/-5563



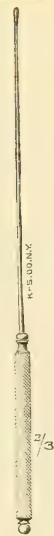
C/-5564



C/-5565



C/-5567



C/-5568



C/-5589

### Pipettes

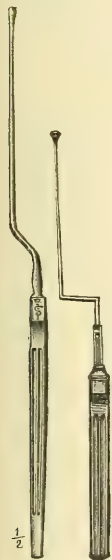
	Each
C/-5517 Buck's, glass.....	\$ .25

### Powder Blowers

C/-5541 Knapp's, hard rubber.....	.90
C/-5547 Lucae's, with soft rubber bulb.....	1.20

### Probes and Bougies

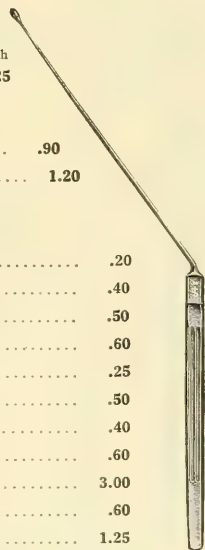
C/-5559 Buck's, plated, 4½ inches.....	.20
C/-5560 Buck's, silver, 4½ inches.....	.40
C/-5563 Delstanche's, flexible.....	.50
C/-5564 Fish's, silver.....	.60
C/-5565 Hartmann's, plated.....	.25
C/-5567 Hotz's, silver, 4 inches long.....	.50
C/-5568 Hotz's, silver, with handle, very delicate.....	.40
C/-5571 Lucae's, bayonet shape.....	.60
C/-5577 Lucae's Elastic Spring Probe, for massage.....	3.00
C/-5583 Troeltsch's, angular.....	.60
C/-5587 Yankauer's.....	1.25
C/-5589 Urbantschitsch's, celluloid bougies, 6 sizes, set.....	2.50



C/-5571

C/-5577

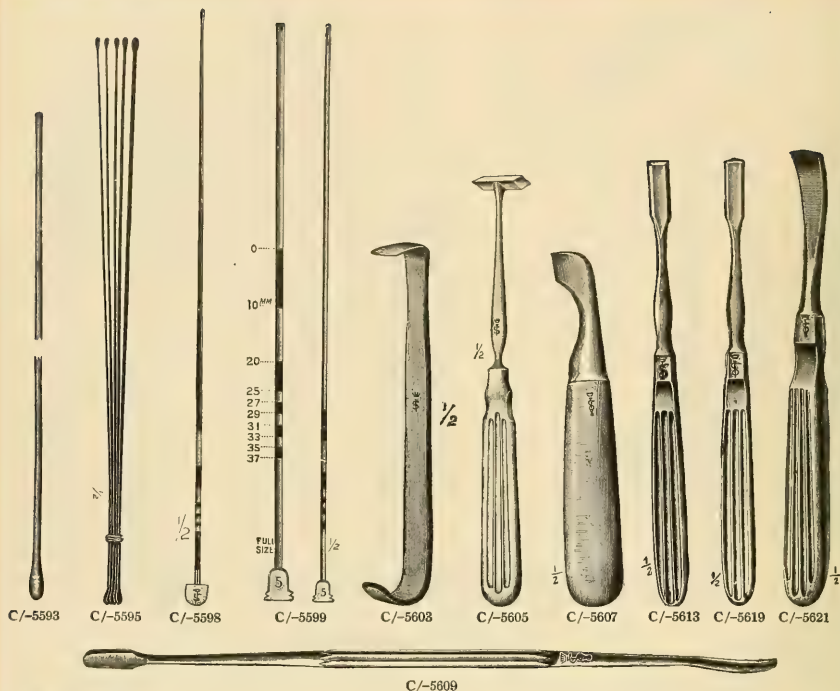
C/-5589



C/-5583



C/-5587



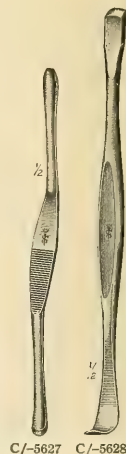
## Probes and Bougies

(Continued)

	Each
C/-5593 Weber's Eustachian Bougie, silk.....	\$ .60
C/-5595 Whalebone Eustachian Bougie, 5 sizes.....	.30
C/-5598 Yankauer's Eustachian Bougie, olive point, graduated, set of 5 sizes in glass tube.....	5.00
C/-5599 Yankauer's Eustachian Sounds, cylindrical, graduated, set of 5 sizes in glass tube.....	5.00

## Raspatories

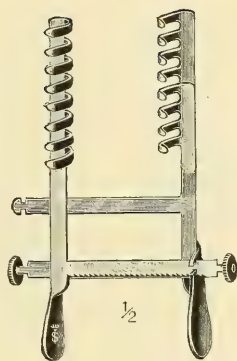
C/-5603 Andrews', mastoid.....	1.25
C/-5605 Ballenger's.....	1.75
C/-5607 Buck's.....	1.75
C/-5609 Cholewa's, with elevator, 9 $\frac{3}{4}$ inches.....	1.50
C/-5613 Hartmann's, straight edge.....	1.25
C/-5619 Hartmann's, convex edge.....	1.25
C/-5621 Jansen's, mastoid raspatory.....	1.50
C/-5622 Jansen's, mastoid raspatory, right-angle.....	1.50
C/-5625 Trautmann's.....	1.50
C/-5627 Raspatory and Elevator, double-ended.....	1.25
C/-5628 Raspatory and Retractor, double-ended.....	1.50



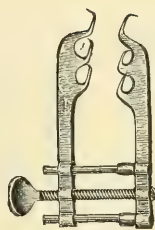




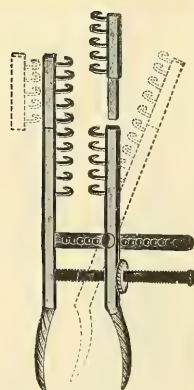
C/-5637



C/-5638



C/-5643



C/-5649



C/-5655



C/-5657



C/-5659



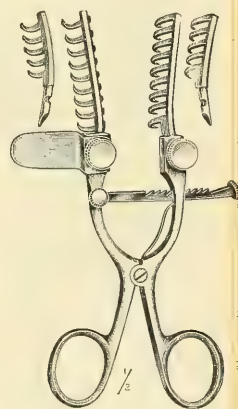
C/-5660



C/-5661



C/-5665



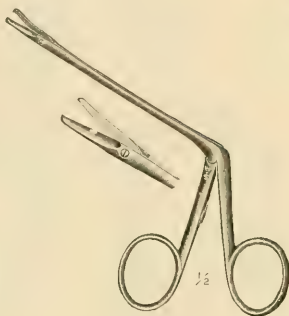
C/-5663

### Retractors for Mastoid Operations

	Each		Each
C/-5637 Allport's, steel.....	\$ 3.00	C/-5659 Malherbe's.....	\$ 4.00
C/-5638 Andrews', automatic, with detachable blades.....	3.50	C/-5660 Thorner's, 3 prongs.....	1.00
C/-5643 Barth's.....	3.50	C/-5661 Thorner's, 4 prongs.....	1.00
C/-5649 Bishop's.....	7.50	C/-5663 Jack's, with 2 pairs of hooks and ear plate.....	7.50
C/-5655 Buck's.....	1.75	C/-5665 Jansen's.....	3.75
C/-5657 Finsen's.....	.75		



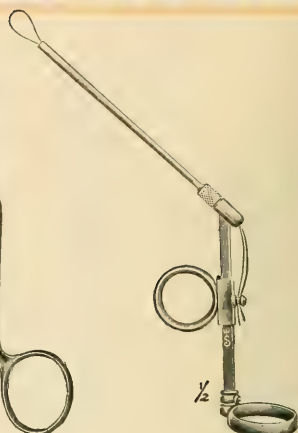
C/-5685



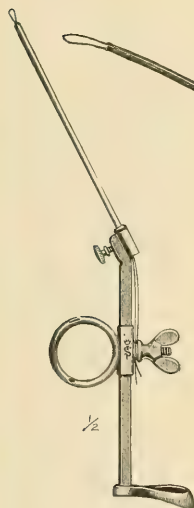
C/-5691



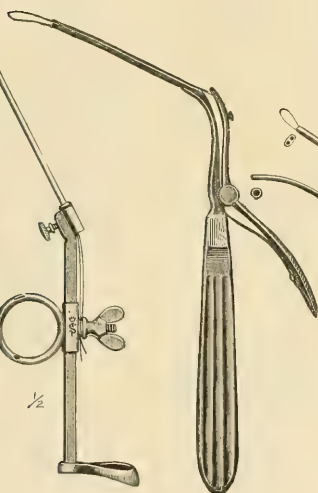
C/-5715



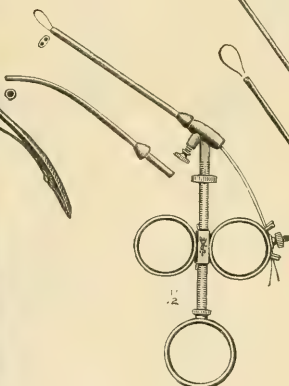
C/-5739



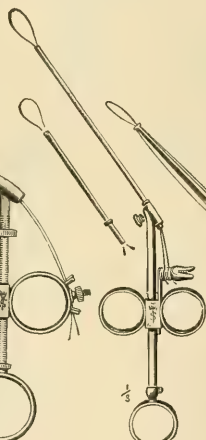
C/-5746



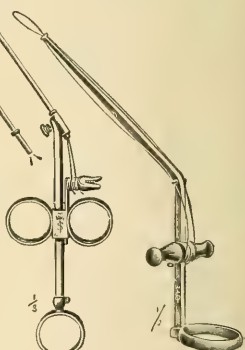
C/-5769



C/-5770



C/-5772



C/-5781

### Scissors

	Each
C/-5685 Gruber's.....	\$ 1.50
C/-5691 Noyes'.....	5.00
C/-5715 Trautmann's.....	4.50

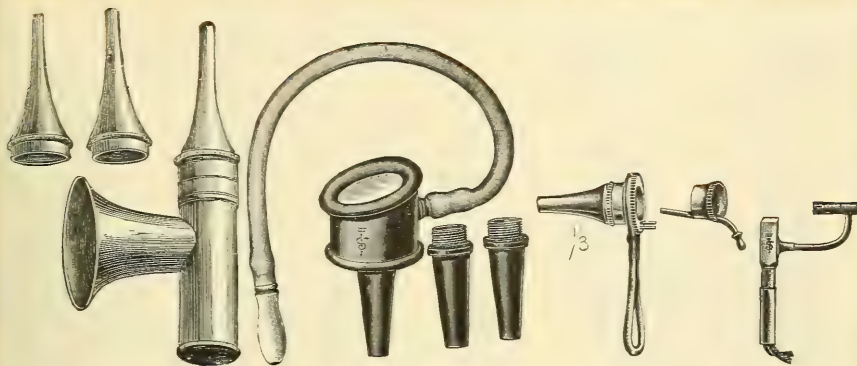
### Snares

C/-5739 Blake's.....	1.90
C/-5746 Dean's.....	1.75

### Snares

(Continued)

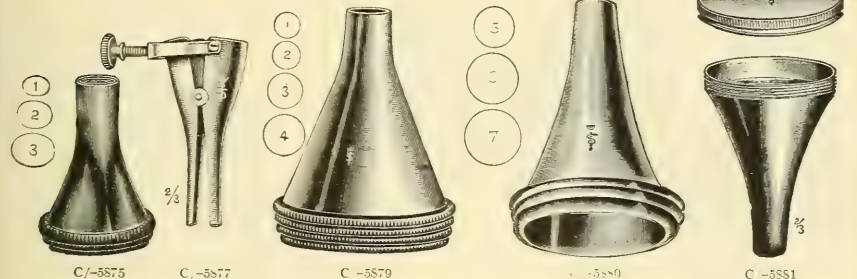
	Each
C/-5769 Keene's.....	\$ 3.50
C/-5770 Pynchon's.....	2.25
C/-5772 Schmidt's, with 2 tips, for ear and nose.....	4.00
C/-5781 Wilde's.....	2.00



C/-5517

C -5847-53

C/-5860



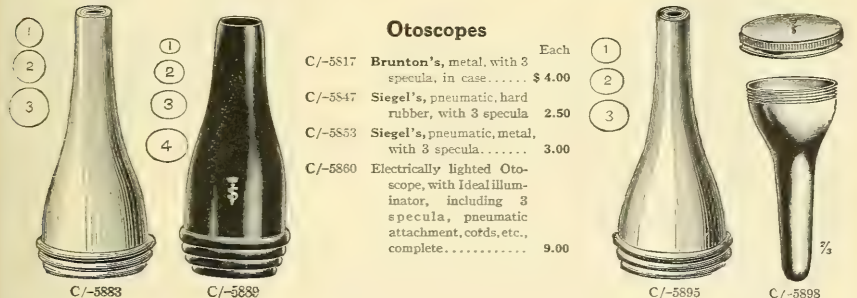
C/-5575

C -5577

C -5579

C/-5580

C -5581



C/-5883

C/-5889

C/-5895

C -5898

### Otosopes

	Each
C/-5817 Brunton's, metal, with 3 specula, in case.....	\$ 4.00
C/-5847 Siegel's, pneumatic, hard rubber, with 3 specula	2.50
C/-5853 Siegel's, pneumatic, metal, with 3 specula.....	3.00
C/-5860 Electrically lighted Otoscope, with Ideal Illuminator, including 3 specula, pneumatic attachment, cords, etc., complete.....	9.00

### Specula

	Each		Each
C/-5875 Bishop's, set of 3, oval, black inside.....	\$ 1.25	C/-5883 Erhardt's, metal, round, set of 3.....	\$ 1.00
C/-5877 Bonafont's.....	1.50	C/-5889 Gruber's, hard rubber, set of 4.....	.75
C/-5879 Boucheron's, metal, set of 4.....	1.25	C/-5895 Gruber's, metal, oval, set of 3.....	1.00
C/-5880 Boucheron's, metal, set of 3, extra large, operating pattern.....	1.25	C/-5898 Screw Cap Metal Case, for Gruber's or Erhardt's specula.....	.25
C/-5881 Screw Cap Metal Case, for Boucheron's specula.....	.25		



C/-5913



C/-5914



C/-5925



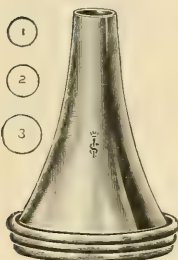
C/-5931-37



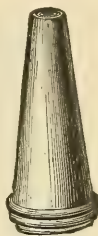
C/-5943-49



C/-5950



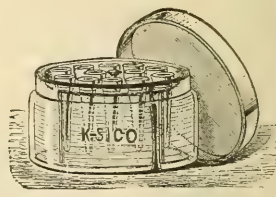
C/-5955



C/-5967-73



C/-5974



C/-5978



C/-5993



C/-5991

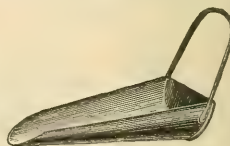
## Specula

(Continued)

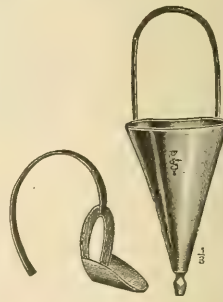
	Each
C/-5913 Kramer's, with set screw . . . . .	\$ .95
C/-5914 Kramer's, with set screw, all steel . . . . .	1.50
C/-5925 Leonard's, with screw . . . . .	1.50
C/-5931 Lucae's, hard rubber, set of 3 . . . . .	.70
C/-5937 Lucae's, metal, set of 3 . . . . .	1.00
C/-5943 Toynbee's, hard rubber, set of 3 . . . . .	.60
C/-5949 Toynbee's, metal, set of 3 . . . . .	1.20
C/-5950 Screw Cap Metal Case, for Toynbee's specula . . . . .	.25
C/-5955 Toynbee's, extra large, set of 3 . . . . .	1.50
C/-5967 Wilde's, hard rubber, set of 3 . . . . .	.50
C/-5973 Wilde's, silver-plated, set of 3 . . . . .	.75
C/-5974 Screw Cap Metal Case, for Wilde's and Lucae's specula . . . . .	.25
C/-5978 Glass Jar, with metal rack for 12 ear specula . . . . .	2.75

## Spouts

C/-5991 Arnold's . . . . .	1.20
C/-5993 Beck's Speculum, with spout . . . . .	1.50
C/-5997 Hosmer's, plain . . . . .	.35
C/-6003 Hosmer's, silver-plated . . . . .	1.20
C/-6009 Hosmer's, improved pattern . . . . .	.60



C/-5997



C/-6003



C/-6009

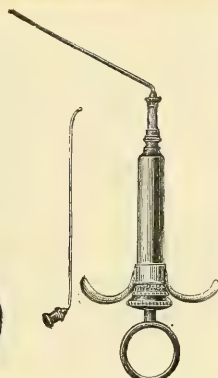




C/-6013



C/-6015



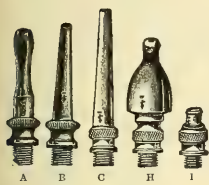
C/-6021



C/-6029



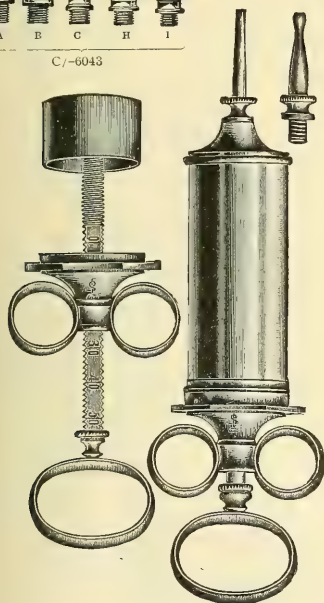
C/-6057



C/-6043



C/-6043



C/-6033-41

## Syringes

	Each
C/-6013 Allport's .....	\$ 1.50
C/-6015 Ear and Ulcer, red enameled, fine rubber .....	.45
C/-6021 Blake's, inner ear, in case .....	2.75
C/-6029 Hartmann's, with 3 tips, hard rubber mounted....	3.00
C/-6033 "Asta" All Metal Syringe, 15 cc. (1/2 oz.) .....	2.25
C/-6034 "Asta" All Metal Syringe, 30 cc. (1 oz.) .....	2.50
C/-6035 "Asta" All Metal Syringe, 50 cc. (2 oz.) .....	3.00
C/-6036 "Asta" All Metal Syringe, 80 cc. (3 oz.) .....	3.50
C/-6037 "Asta" All Metal Syringe, 100 cc. (4 oz.) .....	4.00
C/-6039 "Asta" All Metal Syringe, 150 cc. (6 oz.) .....	4.50
C/-6041 "Asta" All Metal Syringe, 200 cc. (8 oz.) .....	5.00

Two tips are furnished with each syringe. When ordering specify style of tips desired. Unless otherwise specified tips A and B will be sent.

C/-6043 Metal Tips, for "Asta" Syringes, Figs. A, B, C, H, I and Metal Shield Fig. O .....	.25
C/-6057 Glass Barrel Syringe, with soft rubber tip .....	.60



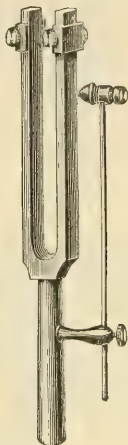
C/-6117



C/-6123



C/-6159



C/-6165



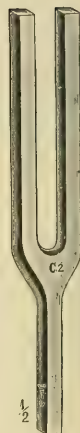
C/-6171



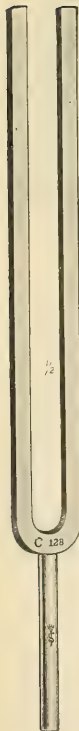
C/-6183



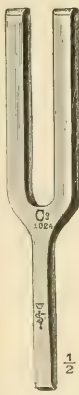
C/-6189



C/-6195



C/-6155



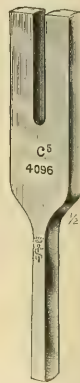
C/-6201

### Tuning Forks

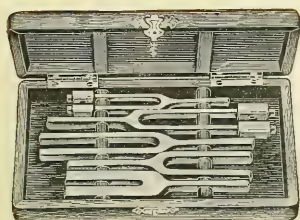
	Each
C/-6117 Plain, 5 inches, A or C.....	\$ .50
C/-6123 Plain, 8¾ inches, C¹, 256 vibr..	2.00
C/-6155 Plain, 10¼ inches, C, 128 vibr..	2.50
C/-6159 Blake's, 5¼ inches, C², 512 vibr	1.80
C/-6165 Blake-Politzer's, with clamp and hammer, 7¼ inches....	6.50
C/-6171 Dench's, large, 26 to 64 vibr.	8.00
C/-6183 Hartmann's, 6½ inches, with clamps, C, 128 vibr.....	2.50
C/-6189 Hartmann's, 4¾ inches, with clamps, C¹, 256 vibr.....	2.25
C/-6195 Hartmann's, 6 inches, C², 512 vibr.....	1.50
C/-6201 Hartmann's, 5 inches, C³, 1024 vibr.....	1.75
C/-6207 Hartmann's, 5¼ inches, C⁴, 2048 vibr.....	3.75
C/-6210 Hartmann's, 5¼ inches, C⁵, 4096 vibr.....	4.50



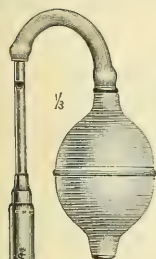
C/-6207



C/-6210



C/-6213



C/-6240



C/-6243



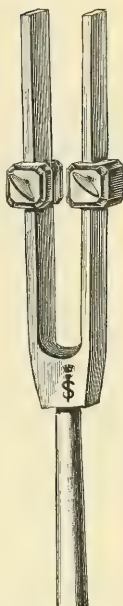
C/-6227



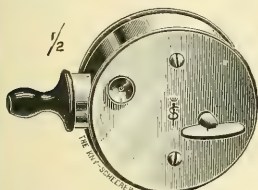
C/-6228



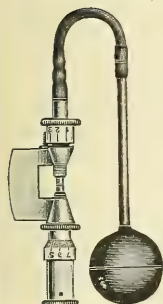
C/-6229



C/-6237



C/-6255



C/-6251



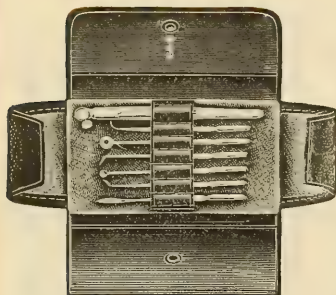
C/-6267

## Tuning Forks

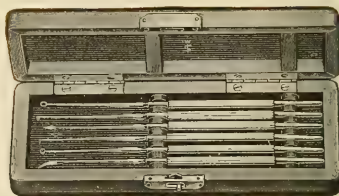
(Continued)

	Each
C/-6213 Hartmann's, set of 5 forks, C/-6183 to C/-6207, in polished wood case. . . . .	\$ 12.00
C/-6227 Neumann's, high, C <sup>4</sup> , 2048 vibrations. . . . .	6.00
C/-6228 Neumann's, medium, C. . . . .	4.75
C/-6229 Neumann's, low, C, 64 vibrations. . . . .	4.25
C/-6237 Politzer's, with clamps. . . . .	6.75
C/-6240 Dench's Whistle. . . . .	4.00
C/-6243 Galton's Whistle. . . . .	3.00
*C/-6249 Bezold's, continuous tone series of tuning forks, consisting of 10 forks, 3 whistles and 1 hammer, in case. . . . .	175.00
C/-6251 Bezold's Whistle. . . . .	19.50
C/-6255 Barany's Lärm Apparatus (sound block) for diagnosis of deafness. . . . .	6.50
C/-6267 Toynbee's, wire stem. . . . .	.30

## Artificial Tympanum



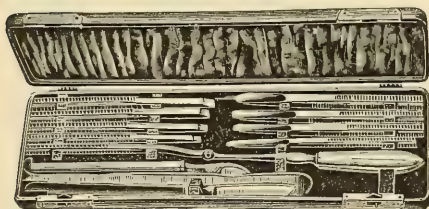
C/-6330-33



C/-6340-41

### Sets of Ear Operating Instruments

C/-6330	K. S. Co.'s. Set of 6 Ear Instruments, any selection as shown under C/-5333, with Universal handle C/-5329, in folding leather case.....	Each \$ 5.50
C/-6333	K. S. Co.'s. Set of 12 Ear Instruments, any selection as shown under C/-5333, with two Universal handles C/-5329 and C/-5331, in folding leather case.....	10.50
C/-6340	K. S. Co.'s. Set of 6 Ear Instruments, each with stationary handle (C/-5332), any selection as shown under C/-5333, in polished wood case.....	6.00
C/-6341	K. S. Co.'s. Set of 12 Ear Instruments, each with stationary handle (C/-5332), any selection as shown under C/-5333, in polished wood case.....	10.75

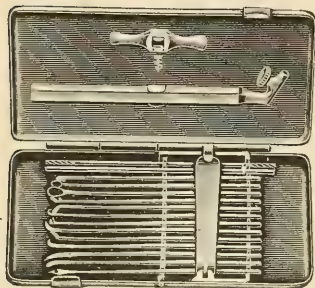


C/-6345

C/-6345	Schwartz's Mastoid Set, in leather-covered case.....	10.50
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#### Containing:

- 4 Chisels, straight, assorted
- 4 Gouges, straight, assorted
- 1 Chisel, bayonet-curved
- 1 Curette
- 1 Politzer's Mastoid Knife
- 1 Furuncle Knife



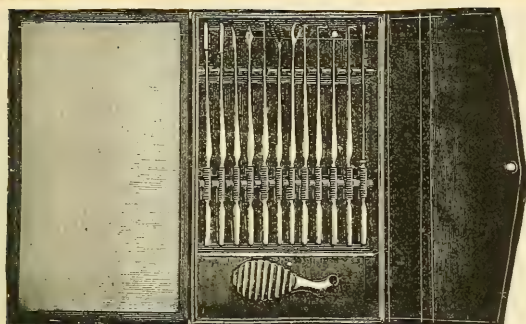
C/-6375

C/-6375	Bishop's Pocket Set, in metal case.....	14.00
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#### Containing:

- 1 Knife, curved, sharp-pointed
- 1 Knife, curved, blunt-pointed
- 1 Hook Knife, for use in perforations
- 1 Paracentesis Knife
- 2 Curettes, sharp, 2 sizes
- 1 Spoon, small, sharp
- 1 Lever, obtuse-angled, round end
- 1 Vibrator
- 1 Hook, sharp
- 1 Hook, sharp, double
- 2 Tenotomes, for dividing right and left tensor tympani and ossicles
- 1 Polypus Snare, with wire
- 1 Ear Probe and Cotton Holder
- 1 Handle, with set screw, in which the above instruments can be placed in any angle desired





C/-6393-99

## Sets of Ear Operating Instruments

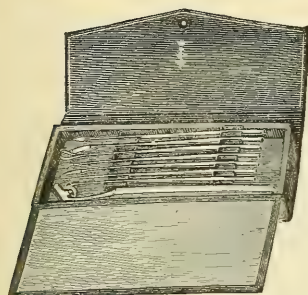
(Continued) Each

C/-6393 **Burkhardt-Merian's Set**, in leather-covered case. . . . \$ 9.00

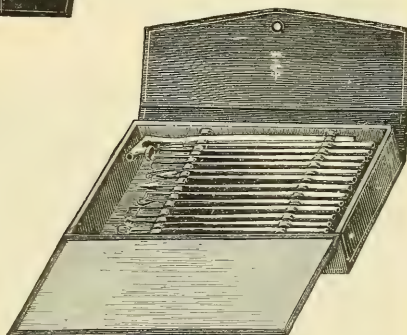
Containing:

- 1 Universal Handle
- 2 Tympanum Perforators
- 1 Fine Double Hook
- 2 Sickle-shaped Knives
- 1 Curette, sharp
- 1 Curette, toothed
- 1 Probe, measuring
- 1 Probe, buttoned
- 1 Scoop, sharp
- 1 Hook, fine
- 1 Knife, probe-pointed

C/-6399 Same, in fine aseptic metal case, with leather cover. . . 11.25



C/-6429-30



C/-6441-43

C/-6429 **Hartmann's Small Set**, in leather-covered case. . . . \$ 6.00

- 1 Universal Handle
- 1 Knife, curved, sharp-pointed
- 1 Knife, curved, probe-pointed
- 1 Sharp Hook
- 1 Sharp Curette

C/-6430 The same set, in fine aseptic metal case. . . . 7.50

C/-6441 **Hartmann's Large Set**, in leather-covered case. . . . 10.50

- 2 Sharp Curettes
- 1 Tympanum Perforator
- 1 Myringotome
- 1 Double Hook, sharp
- 1 Small Lever, rectangular
- 1 Sharp Scoop
- 2 Knives

- 1 Sharp Hook, single
- 1 Small Lever, obtusangular
- 2 Tenotomes, right and left
- 1 Universal Handle

C/-6443 The same set, in fine aseptic metal case. . . . 10.75



C/-6453

C/-6445 **Hotz's Set of Ear Instruments**, flexible shank, in small linen roll. . . . 5.50

Containing:

- 1 Silver Probe. . . . \$ .40
- 1 Silver Applicator. . . . .40
- 2 Silver Blunt Curettes, 2 sizes .75
- 3 Sharp Curettes, steel, 3 sizes .90

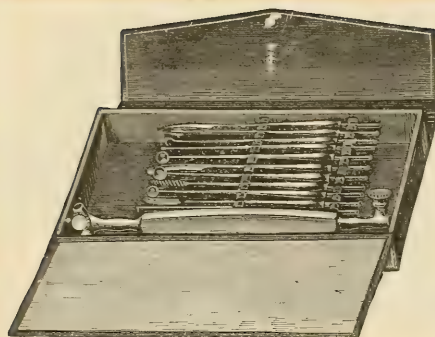
C/-6453 **Dench's Set for Middle Ear**, in leather-covered case, instruments with solid handles. . . 11.00

Containing:

- 1 Curette, straight
- 1 Double-edged Knife, curved on flat, probe point
- 1 Knife, straight, blunt
- 2 Knives, straight, sharp
- 2 Knives, angular
- 1 Incus Hook, right and left
- 2 Curettes, angular, right and left



C/ 6445



C/-6465

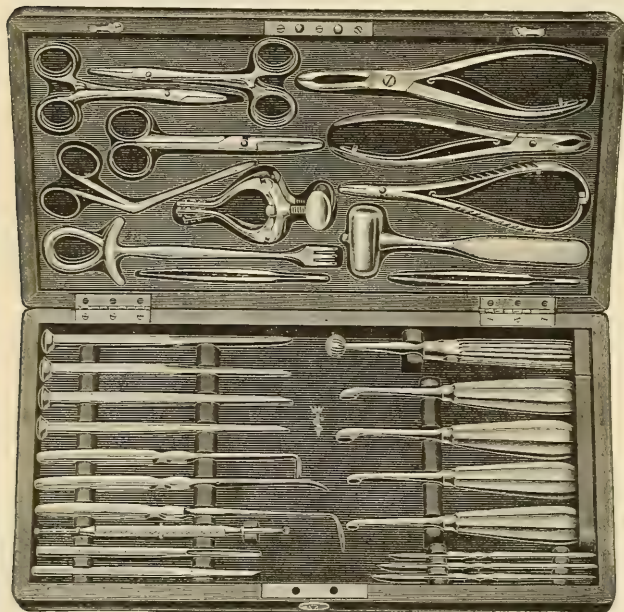
## Sets of Ear Operating Instruments

(Continued)

C -6465 **Politzer's Set**, in leather-covered case ..... Each \$11.00

Containing:

- |                       |                              |
|-----------------------|------------------------------|
| 2 Penetrated Curettes | 2 Knives, assorted           |
| 1 Sharp Hook          | 1 Myringotome                |
| 1 Fine Probe          | 1 Sharp Curette              |
| 1 Cotton Carrier      | 1 Scarifier                  |
| 1 Tympanum Perforator | 1 Universal handle for above |

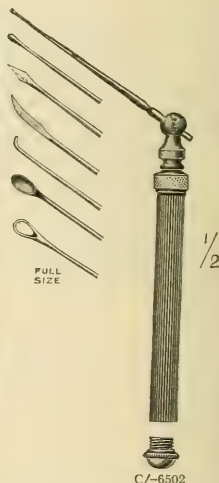


C/-6490

C/-6490 **Jansen's Set of Mastoid Operating Instruments**, in fine polished wood case. .... 65.00

Containing:

- |  |                                   |                                       |
|--|-----------------------------------|---------------------------------------|
| C/-5221 3 Mastoid Scalpels                 | B/-3674 1 Lagenbeck's Respiratory | C/-5665 2 Jansen's Mastoid Retractors |
| B/-7706 1 Straight Scissors, 5 1/4 inches  | B/-1424 1 Deschamp's Needle       | C/-4917 1 Jansen's Mastoid Rongeur    |
| B/-7780 1 Curved Scissors, 5 1/2 inches    | B/-4072 2 Retractors, 3 prong     | C/-4801 1 Bane's Mastoid Rongeur      |
| B/-7412 1 Thumb Forceps, 5 inches          | C/-4429 2 Alexander's Chisels     | C/-4693 4 Whiting's Mastoid Curettes  |
| B/-7454 1 Thumb Forceps, M.T., 5 inches    | C/-4430 2 Alexander's Gouges      | C/-4953 1 Noyes' Ear Forceps          |
| B/-584 2 Kelly's Artery Forceps            | C/-4439 1 Bishop's Chisel         | C/-4766 1 Ballenger's Mastoid Burr    |
| B/-572 2 Jones' Artery Forceps             | C/-4440 1 Bishop's Gouge          | C/-4765 1 Allport's Double Burr       |
| B/-965 2 Thornton's Artery Forceps, curved | C/-5378 1 Jansen's Mallet         | B/-5780 1 Mathieu's Needle Holder     |
| B/-3602 1 Lagenbeck's Elevator             |                                   |                                       |



C/-6502

C/-6502 **Sprague's Set of 6 Ear Instruments** with Universal handle. The handle is hollow and forms a receptacle for carrying the blades, set. .... 4.00

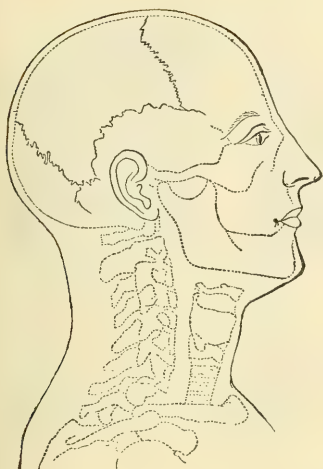


Fig. 10

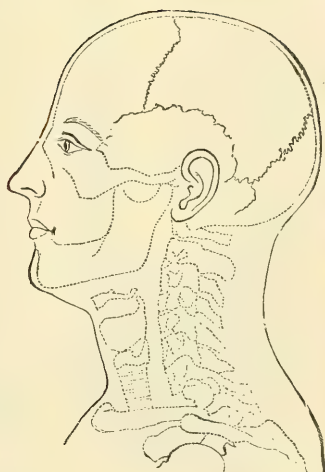


Fig. 11



Fig. 40

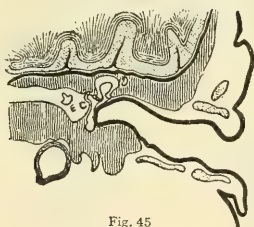


Fig. 45

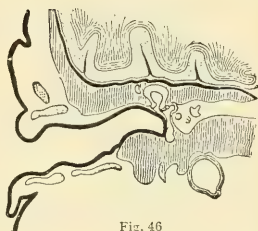


Fig. 46

### Rubber Stamps

A/-4036 Anatomical Diagrams for diagnosis and pathological records		Each
Fig. 10	Head, lateral view, right	\$ 1.35
Fig. 11	Head, lateral view, left	1.35
Fig. 40	Ear, lateral view, right	.80
Fig. 41	Ear, lateral view, left	.80
Fig. 45	Inner Ear, sectional view, right	.90
Fig. 46	Inner Ear, sectional view, left	.90
Fig. 50	Tympanum, with ossicles and corda tympani, right	.75
Fig. 51	Tympanum, same, left	.75

Illustrations represent actual sizes of stamps.

For complete assortment of Rubber Stamps, see Catalogue, Section A.



Fig. 41

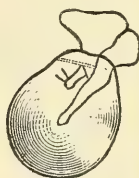


Fig. 50

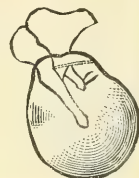
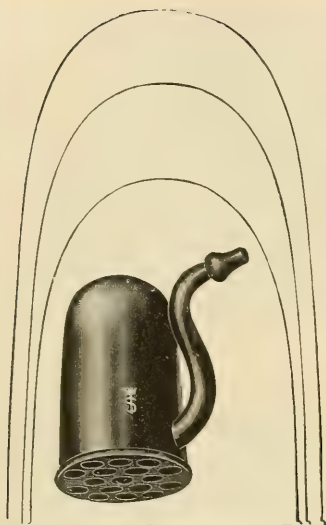


Fig. 51





C/-6609-30



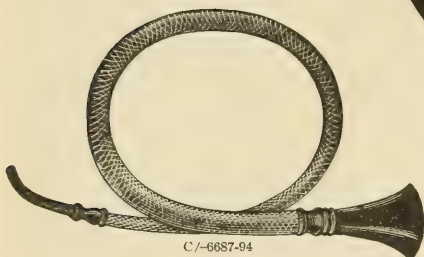
C/-6667



C/-6665



C/-6663



C/-6687-94

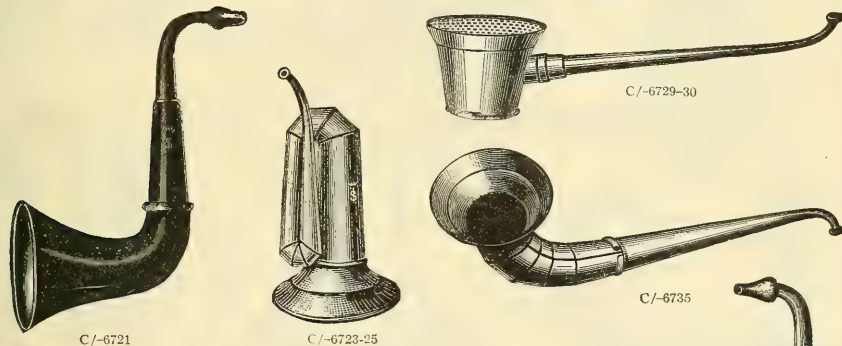
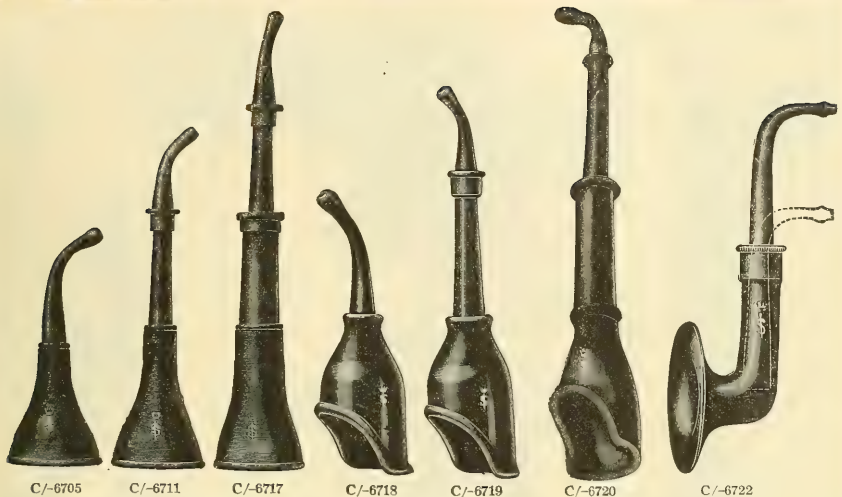


Showing application of Audiphones  
C/-6657-63-65

### Appliances to Aid the Hearing

	Each		Each
C/-6609 London Hearing Horn, small, black finish.....	\$ 2.00	C/-6657 Audiphone Hearing Fan, square, with cord.....	\$ 5.00
C/-6615 London Hearing Horn, small, nickel-plated.....	2.00	C/-6663 Audiphone Hearing Fan, round, with cord.....	5.00
C/-6621 London Hearing Horn, medium, black finish.....	2.50	C/-6665 Audiphone Hearing Fan, folding style covered, medium.....	6.75
C/-6627 London Hearing Horn, medium, nickel-plated.....	2.50	C/-6687 Conversation Tube, conical, mohair covered, medium.....	3.00
C/-6633 London Hearing Horn, large, black finish.....	3.00	C/-6688 Conversation Tube, conical, mohair covered, large.....	4.00
C/-6639 London Hearing Horn, large, nickel-plated.....	3.00	C/-6693 Conversation Tube, conical, silk covered, medium.....	4.00
		C/-6694 Conversation Tube, conical, silk covered, large.....	5.00

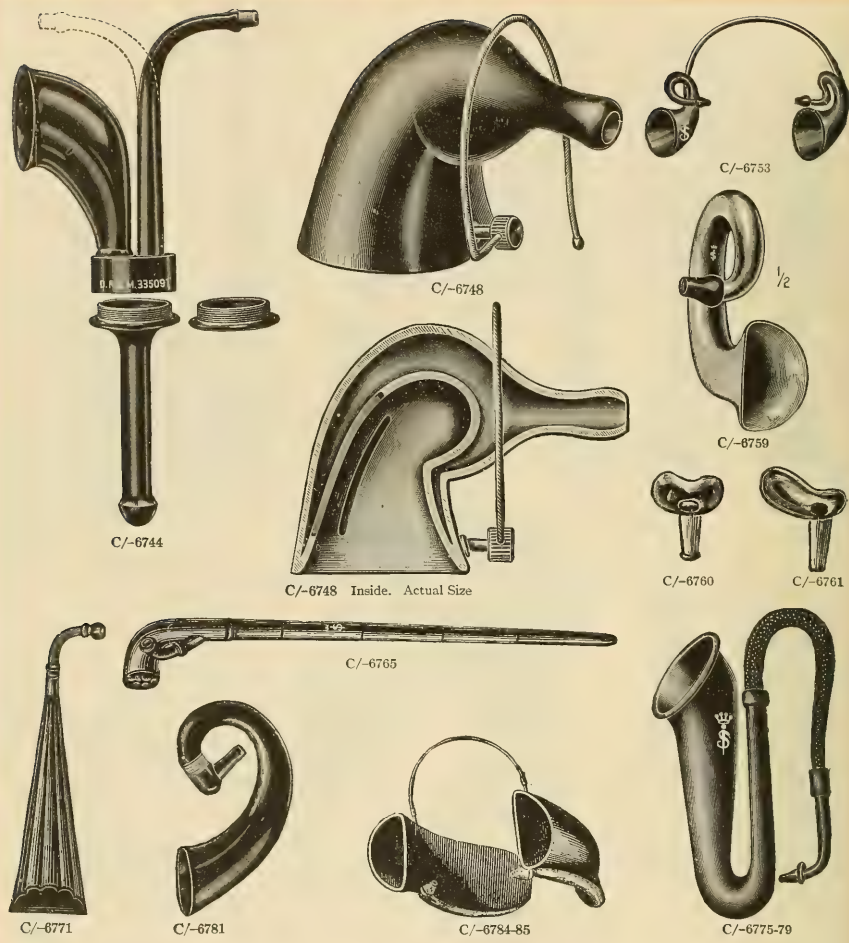




## Appliances to Aid the Hearing

(Continued)

	Each
C/-6705 Ear Trumpet, hard rubber, telescopic, 1 draw tube .....	\$ 2.50
C/-6711 Ear Trumpet, hard rubber, telescopic, 2 draw tubes .....	3.00
C/-6717 Ear Trumpet, hard rubber, telescopic, 3 draw tubes .....	3.50
C/-6718 Ear Trumpet, scoop-shaped bell, 1 draw tube .....	3.50
C/-6719 Ear Trumpet, scoop-shaped bell, 2 draw tubes .....	4.00
C/-6720 Ear Trumpet, scoop-shaped bell, 3 draw tubes .....	4.50
C/-6721 Ear Trumpet, hard rubber, telescopic, "Hearwell," 3 parts .....	6.00
C/-6722 Ear Trumpet, hard rubber, telescopic, "Soundwell," 2 parts .....	5.50
C/-6723 Ear Trumpet, Bugle, japanned, large .....	4.00
C/-6724 Ear Trumpet, Bugle, japanned, medium .....	3.00
C/-6725 Ear Trumpet, Bugle, japanned, small .....	2.50
C/-6729 Ear Trumpet, Dipper, nickel-plated .....	4.50
C/-6730 Ear Trumpet, Dipper, japanned .....	3.50
C/-6735 Ear Trumpet, Cornucopia, jointed, nickel-plated .....	5.00
C/-6741 <b>Leiter's</b> Ear Trumpet, conical, telescopic, nickel-plated .....	5.00



## Appliances to Aid the Hearing

(Continued)

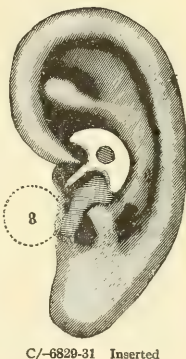
	Each		Each
C/-6744 Ear Trumpet, hard rubber, with revolving ear piece; can be carried in pocket . . . . .	\$ 6.00	C/-6771 Acoustic Fan, black silk . . . . .	\$10.50
C/-6748 Souffleur Ear Trumpet, hard rubber . . . . .	6.50	C/-6775 Leiter's Hearing Horn, hard rubber, large . . . . .	8.00
C/-6753 Ear Cornets, for both ears, metal, with adjustable spring . . . . . pair	4.00	C/-6777 Leiter's Hearing Horn, hard rubber, medium . . . . .	7.00
C/-6759 Ear Cornets, single, right or left, nickel-plated . . . . .	2.00	C/-6779 Leiter's Hearing Horn, hard rubber, small . . . . .	6.00
C/-6760 Ear Cornet, round, silver . . . . .	1.25	C/-6781 Auricle, single, hard rubber, with tip adjustable for either ear . . . . .	2.25
C/-6761 Ear Cornet, oval, silver . . . . .	1.25	C/-6784 Auricle, double, leather-covered . . . . .	3.00
C/-6765 Acoustic Cane . . . . .	9.00	C/-6785 Auricle, double, silk-covered . . . . .	5.00

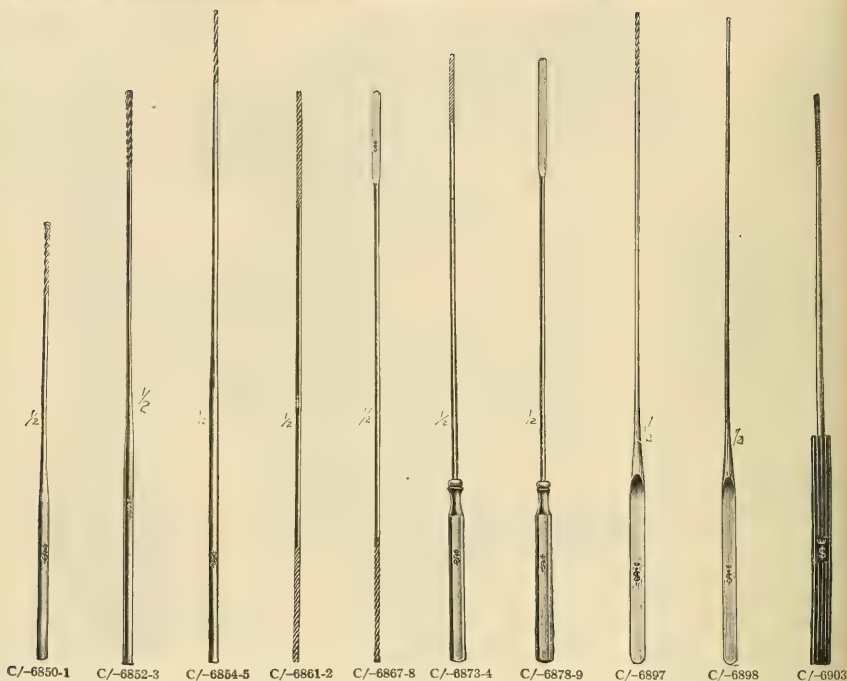


## Appliances to Aid the Hearing

(Continued)

	Each
C/-6787 Apparitor Auris, set of 2, flesh colored tubes, in case. . . . .	\$ 3.00
C/-6790 "Acoustic" Ear Trumpet, hard rubber, with telescopic handle, to be unscrewed. . . . .	9.00
C/-6793 Ear of Dionysius, on base (to be placed on table), black finish, with fine silk tube, small. Diameter of sound receiver $4\frac{1}{2}$ inches, depth $4\frac{3}{4}$ inches. . . . .	10.00
C/-6794 Same, medium. Diameter $6\frac{3}{4}$ x $6\frac{1}{2}$ inches. . . . .	12.00
C/-6795 Ear Trumpet, Berlin style, telescopic, small, $8\frac{3}{4}$ inches. . . . .	3.00
C/-6797 Ear Trumpet, Berlin style, telescopic, medium, $13\frac{1}{2}$ inches. . . . .	4.00
C/-6799 Ear Trumpet, Berlin style, telescopic, large, 18 inches. . . . .	6.50
C/-6803 Ear Trumpet, sea shell, small. . . . .	5.00
C/-6805 Ear Trumpet, sea shell, large. . . . .	6.00
<b>Antiphones. (For Closing Auditory Canal.)</b>	
C/-6825 Antiphone, soft rubber plug, 3 sizes. . . . .	Pair .50
C/-6829 Antiphone, celluloid ball, with metal handle. . . . .	1.50
C/-6830 Antiphone, aluminum ball, with metal handle. . . . .	1.50
C/-6831 Antiphone, hard rubber ball, with metal handle. . . . .	1.50





C/-6850-1

C/-6852-3

C/-6854-5

C/-6861-2

C/-6867-8

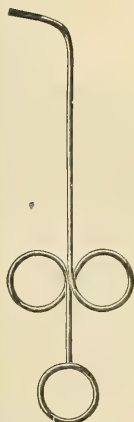
C/-6873-4

C/-6878-9

C/-6897

C/-6898

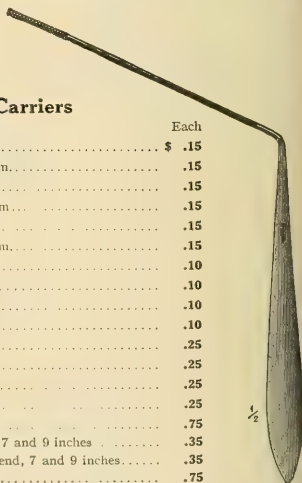
C/-6903



C/-6904

### Applicators and Cotton Carriers

	Each
C/-6850 Applicator, tapering, spiral end, 6 inches, copper.....	\$ .15
C/-6851 Applicator, tapering, spiral end, 6 inches, aluminum.....	.15
C/-6852 Applicator, tapering, spiral end, 8 inches, copper.....	.15
C/-6853 Applicator, tapering, spiral end, 8 inches, aluminum.....	.15
C/-6854 Applicator, tapering, spiral end, 9 inches, copper.....	.15
C/-6855 Applicator, tapering, spiral end, 9 inches, aluminum.....	.15
C/-6861 Applicator, both ends rough, copper.....	.10
C/-6862 Applicator, both ends rough, aluminum.....	.10
C/-6867 Applicator, rough and flat ends, copper.....	.10
C/-6868 Applicator, rough and flat ends, aluminum.....	.10
C/-6873 Applicator, with handle, rough end, copper.....	.25
C/-6874 Applicator, with handle, rough end, aluminum.....	.25
C/-6878 Applicator, with handle, flat end, copper.....	.25
C/-6879 Applicator, with handle, flat end, aluminum.....	.25
C/-6893 <b>Fraenkel's</b> .....	.75
C/-6897 <b>Good's</b> , copper, with flat handle and spiral end, 7 and 9 inches.....	.35
C/-6898 <b>Good's</b> , copper, with flat handle and triangular end, 7 and 9 inches.....	.35
C/-6903 <b>Hartmann's</b> , steel.....	.75
C/-6904 <b>Hartmann's</b> , pharyngeal.....	1.00



C/-6893





### Applicators and Cotton Carriers (Continued)

	Each
C/-6909 Ingals', aluminum, flat end.....	\$ .40
C -6911 Jurasz's.....	2.25
C -6917 Pyncheon's, post nasal, aluminum.....	.25
C/-6928 Post Nasal, steel.....	.25
C/-6929 Sajous', for trichloroacetic acid.....	2.75

### Cotton Holders

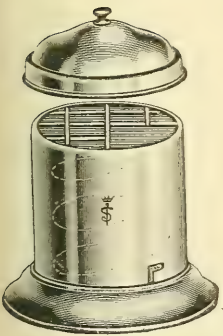
C/-6943 Campbell's Waste Trough, with glass reservoir .....	1.75
C/-6945 Phillips' Cotton Holder.....	2.00

### Cocain Cup

C/-6953 Yankauer's Porcelain Solution Cup, for Cocain.....	.35
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### Canulæ, Epistaxis

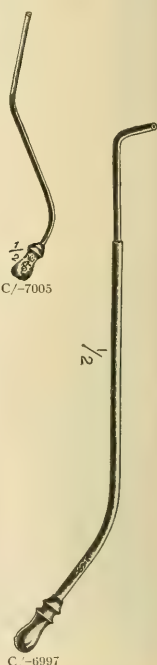
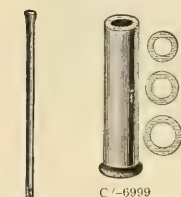
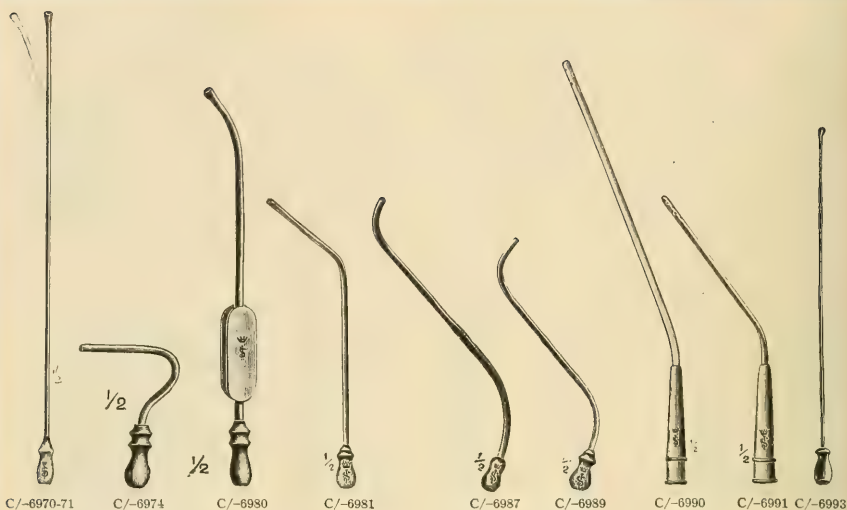
C/-6963 Belocque's, silver.....	2.50
C/-6969 Belocque's, German silver .....	1.00



C/-6945



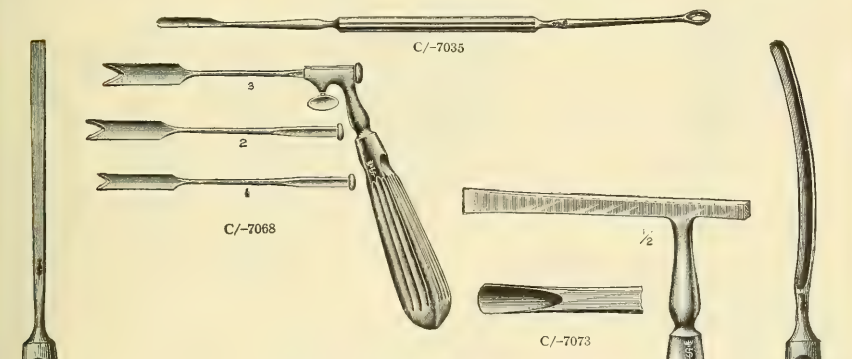
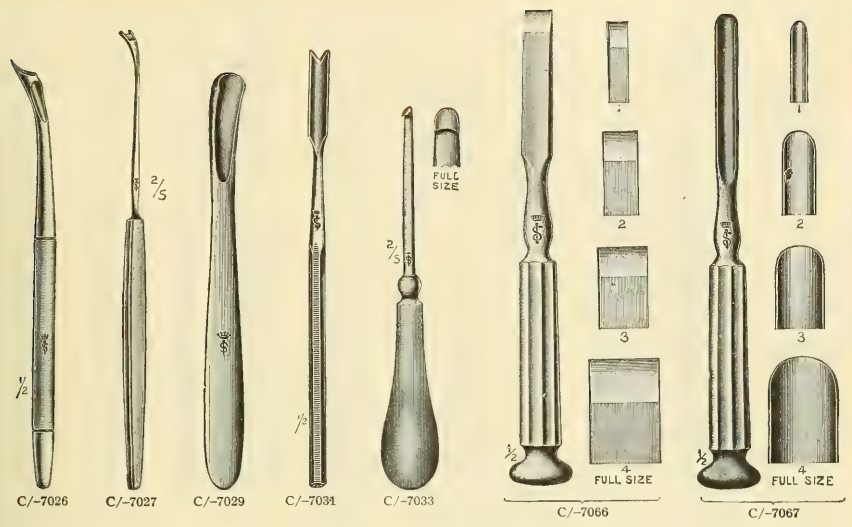
C/-6963-9



### Canulæ

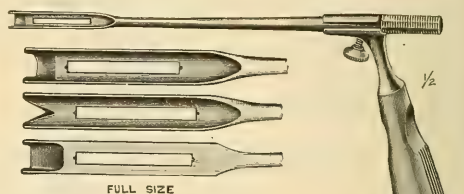
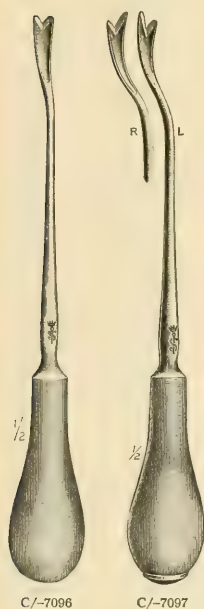
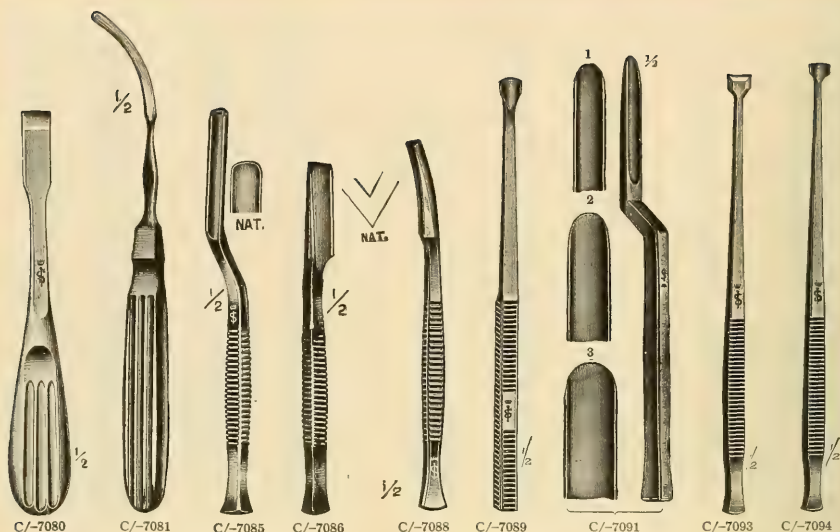
	Each
C/-6970 Antrum and Frontal Sinus Washing Tubes, pure silver, 3 sizes.....	\$ 1.00
C/-6971 Antrum and Frontal Sinus Washing Tubes, German silver, 3 sizes.....	.60
C/-6974 Bloch's, antrum.....	.75
C/-6980 Eicken's, antrum.....	1.00
C/-6981 Fraenkel's, antrum.....	.85
C/-6987 Hartmann's, antrum.....	.85
C/-6989 Hartmann's, frontal sinus.....	.85
C/-6990 Gruenwald's, frontal sinus, 2 sizes..	.85
C/-6991 Gruenwald's, for sphenoidal sinus, 2 sizes.....	.85
C/-6993 Myles', for antrum, flexible, silver, 3 sizes.....	.85
C/-6995 Killian's, for antrum, straight.....	.75
C/-6996 Killian's, antrum, sharp steel point, right or left.....	1.00
C/-6997 Killian's, rectangular, blunt.....	1.00
C/-6999 Myles', for drainage, soft rubber, 3 sizes.....	.15
C/-7004 Moritz Schmidt's, antrum.....	1.25
C/-7005 Schoetz's Antrum Tube.....	.75





### Chisels and Gouges

	Each
C/-7026 Anderson's Antrum Chisel	\$ 2.25
C/-7027 Andrews', turbinate	1.75
C/-7029 Asch's Septum Gouge	1.25
C/-7031 Ballenger's Gouge, V-shaped	1.10
C/-7033 Ballenger's, antrum, cutting posteriorly	2.00
C/-7035 Bryan's Ethmoid Gouge and Curette	2.25
C/-7053 Fritsch's Chisel, straight	1.50
C/-7065 Fritsch's Gouge, curved	1.75
C/-7066 Hajek's Chisel, 4 sizes, 3, 6, 9 and 12 mm. wide	1.75
C/-7067 Hajek's Gouge, 4 sizes, 3, 6, 9 and 12 mm. wide	2.00
C/-7068 Hajek's Set of 3 Triangular Gouges, in one handle	7.50
C/-7071 Hartmann's Chisel	2.00
C/-7073 Hartmann's Gouge, right or left, with handle like C/-7071	2.50



## Chisels and Gouges

(Continued)

	Each	
C/-7080 Heymann's Chisel, 3 sizes.....	\$ 1.50	
C/-7081 Killian's Guard, for chisels and gouges .....	1.50	C/-7090
C/-7085 Killian's Gouge, bayonet-shaped, for removal of anterior vomer triangle.....	Each	
	\$ 1.50	
C/-7086 Killian's Chisel, V-shaped, for frontal sinus, 2 sizes .....	1.50	
C/-7088 Killian-Reinhardt's Chisel, V-shaped, curved, for frontal sinus.....	1.50	
C/-7089 MacWhinnie's Septum Gouge, U-shaped .....	1.75	
C/-7090 Metzenbaum's Set of Chisel and Gouges, for removing spurs and the bony ridge of the septum, set of 3 with handle.....	7.00	
C/-7091 Neumann's Frontal Sinus and Mastoid Gouge, bayonet-shaped, 4, 6, 8 mm. wide.....	1.50	
C/-7093 Spratt's Septum Chisel, submucous.....	1.75	
C/-7094 Spratt's Septum Gouge, submucous.....	1.75	
C/-7096 Stein's Turbinate Chisel.....	2.50	
C/-7097 Stein's Antrum Chisel, right and left.....	2.50	





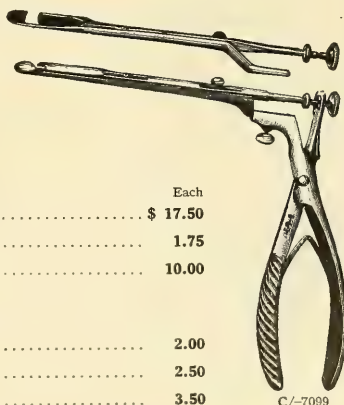
### Chisels and Gouges

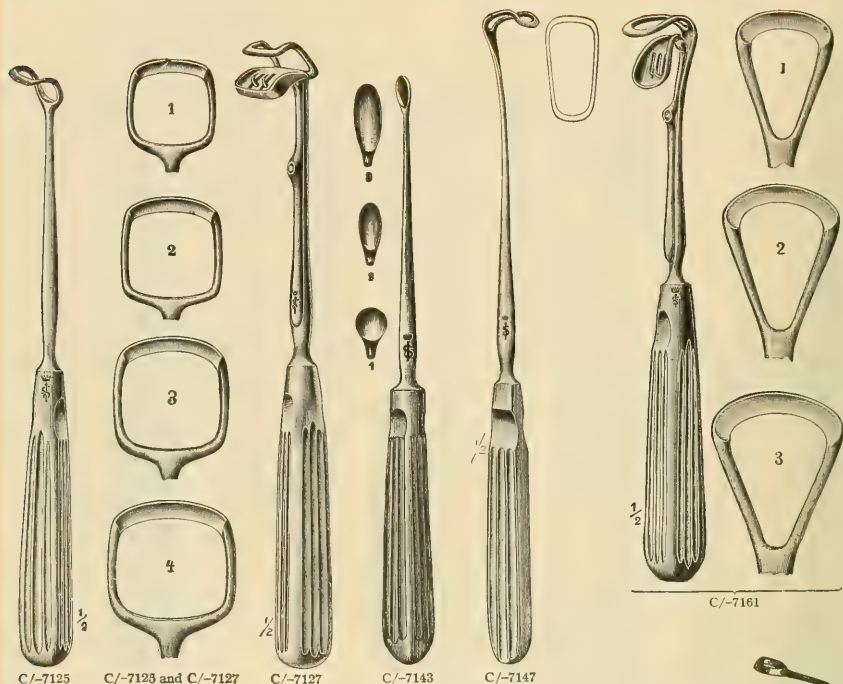
(Continued)

	Each
C/-7099 Schoetz's Enchondrotome, with 2 attachments.....	\$ 17.50
C/-7107 Woake's Plough Gouge, right and left.....	1.75
C/-7109 Yankauer's Frontal Sinus Chisel, with guard.....	10.00

### Curettes and Adenotomes

C/-7111 Ballenger's, ethmoid.....	2.00
C/-7113 Barnhill's, adenoid, 5 sizes.....	2.50
C/-7121 Beck's, adenoid, with hollow-ground waved edge.....	3.50



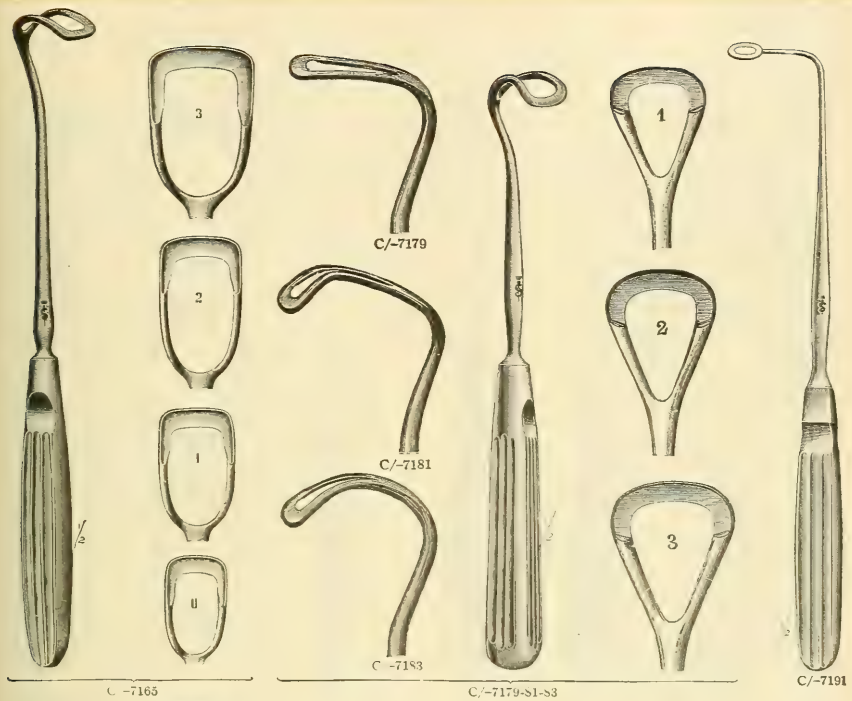


### Curettes and Adenotomes

(Continued)

	Each
C/-7125 Beckmann's, 4 sizes, horizontal blade . . . . .	\$ 2.50
C/-7127 Beckmann's Adenotome, with basket, 4 sizes . . . . .	5.00
C/-7143 Boecker's Sharp Spoon, 3 sizes . . . . .	1.75
C/-7147 Boston's, adenoid, for infants . . . . .	2.50
C/-7149 Bosworth's, angular . . . . .	1.75
C/-7161 Delstanche's Adenotome, 3 sizes . . . . .	4.50
C/-7163 Delstanche's Adenotome, improved, 1 size . . . . .	5.00

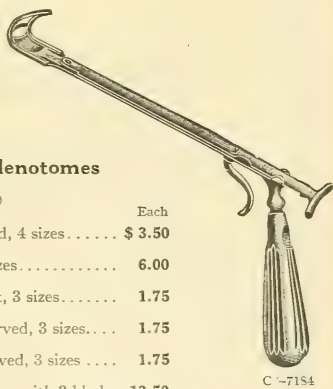
C/-7149

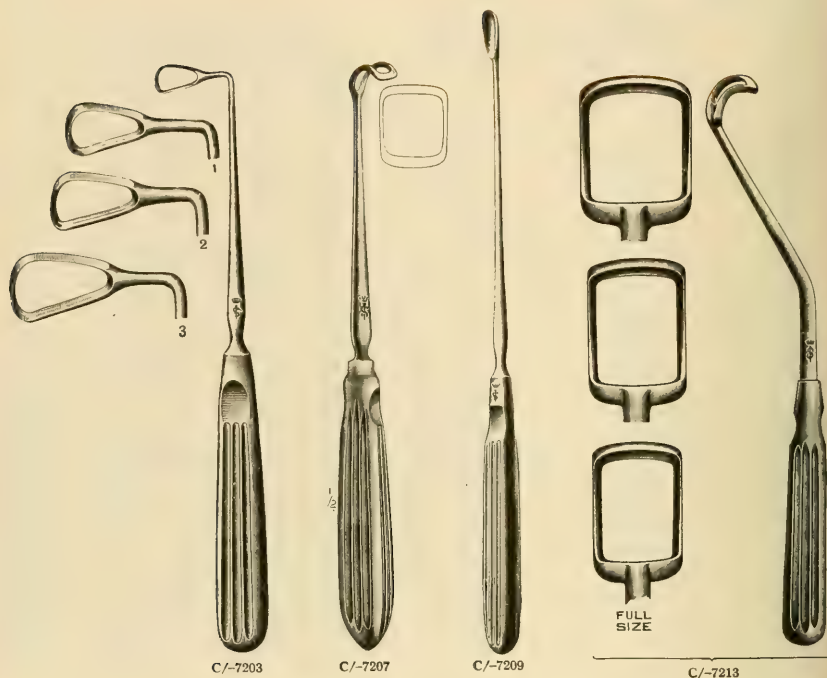


### Curettes and Adenotomes

(Continued)

	Each
C/-7165 De Roaldes', adenoid, 4 sizes.....	\$ 3.50
C/-7166 Fein's, adenoid, 3 sizes.....	6.00
C/-7179 Gottstein's, straight, 3 sizes.....	1.75
C/-7181 Gottstein's, half-curved, 3 sizes....	1.75
C/-7183 Gottstein's, full-curved, 3 sizes ....	1.75
C/-7184 Graddle's Adenotome, with 3 blades	13.50
C/-7191 Guye's.....	2.50





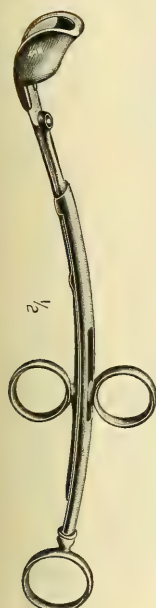
### Curettes and Adenotomes

(Continued)

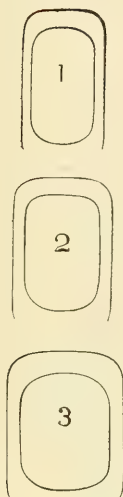
	Each
C/-7203 Hartmann's, 3 sizes.....	\$ 2.50
C/-7207 Ingersoll's, adenoid, small size, for children.....	2.50
C/-7209 Justi's, 1 size.....	1.75
C/-7213 Katz's, adenoid, 3 sizes.....	3.00
C/-7215 Killian's, double-ended, sinus.....	2.00



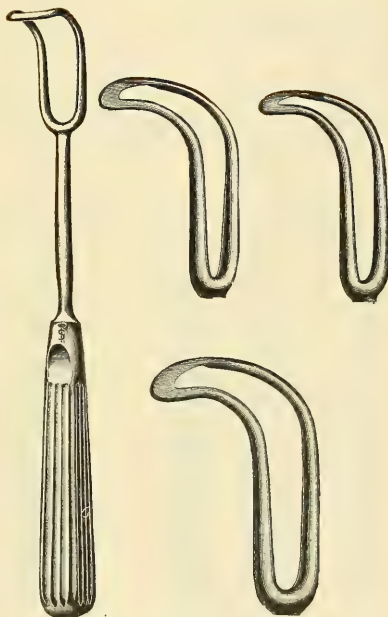




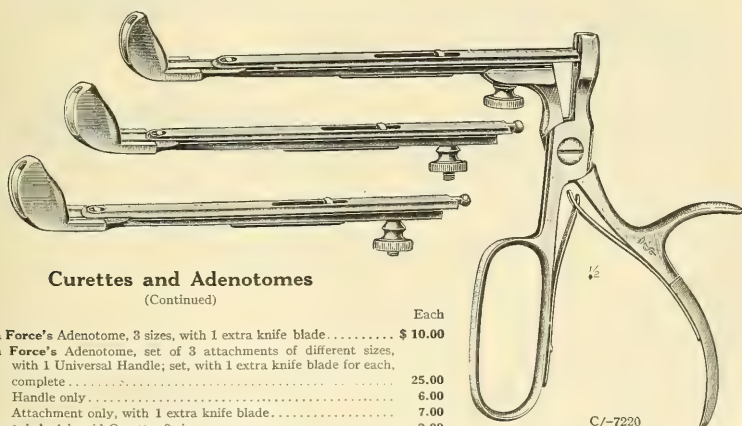
C/-7218



C/-7218-20



C/-7221

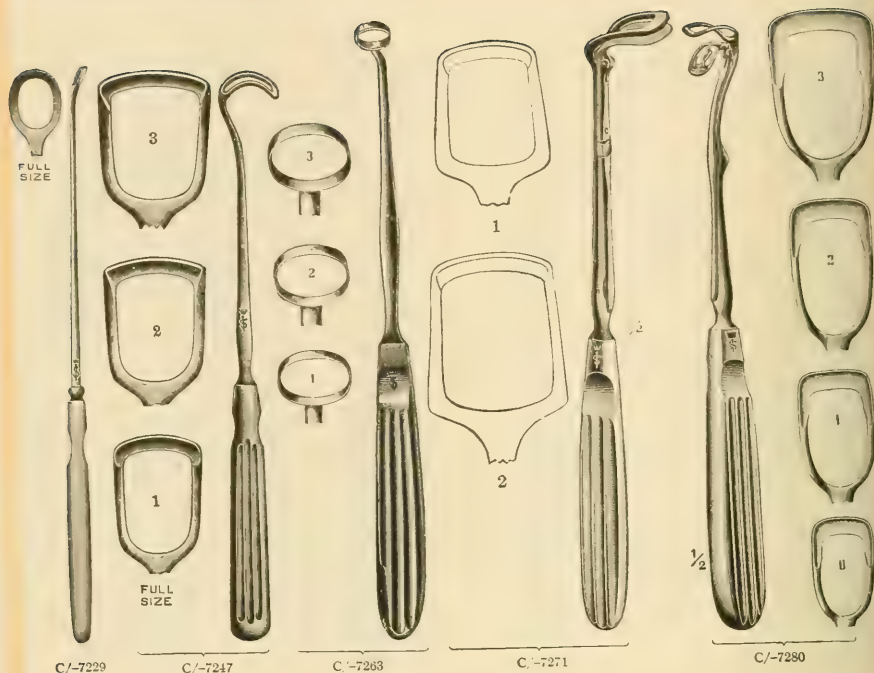


# Curettes and Adenotomes

(Continued)

	Each
C/-7218 La Force's Adenotome, 3 sizes, with 1 extra knife blade.....	\$ 10.00
C/-7220 La Force's Adenotome, set of 3 attachments of different sizes, with 1 Universal Handle; set, with 1 extra knife blade for each, complete.....	25.00
Handle only.....	6.00
Attachment only, with 1 extra knife blade.....	7.00
C/-7221 Kirstein's Adenoid Curette, 3 sizes.....	2.00

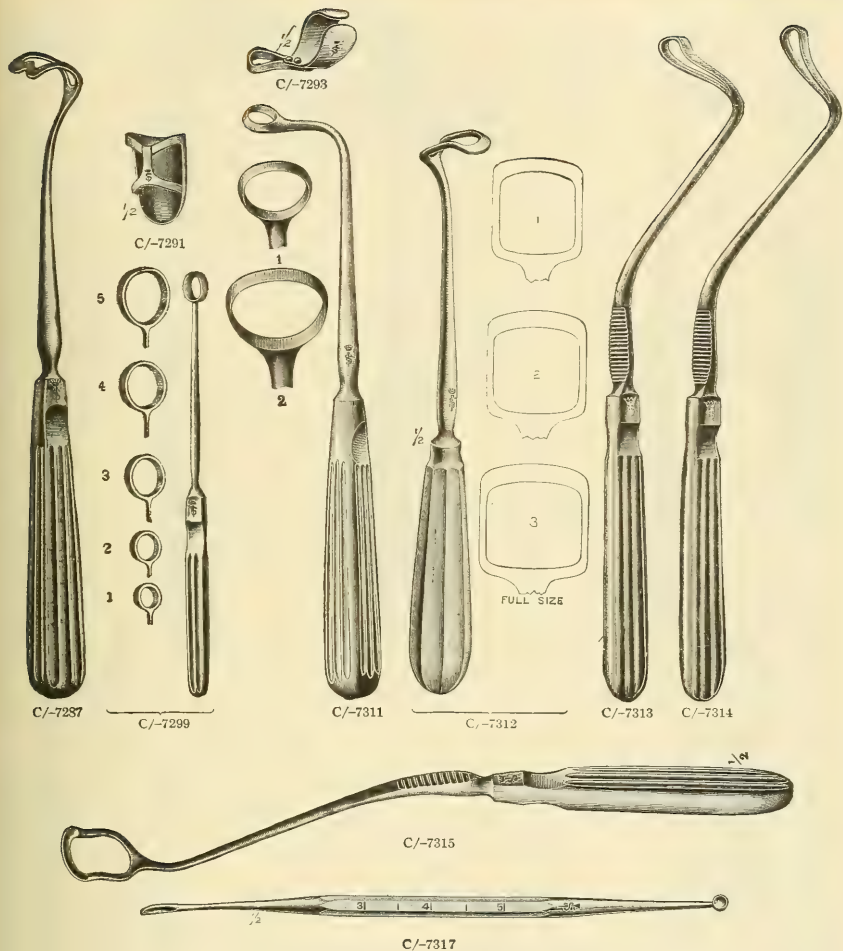
C/-7220



## Currettes and Adenotomes

(Continued)

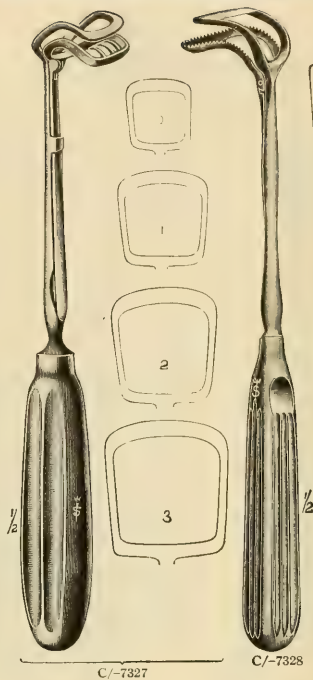
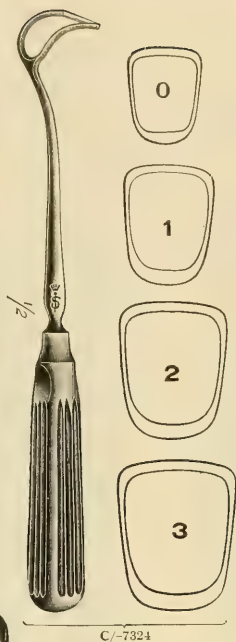
	Each		Each
C/-7229 Kyle's, blunt.....	\$ 1.75	C/-7271 Macdonald's Adenotome, 2 sizes ..	\$ 5.50
C/-7247 Leffert's, adenoid, latest pattern.		C/-7275 Maier's Ring Knife.....	2.00
3 sizes.....	2.50	C/-7279 Moure's, sharp.....	3.00
C/-7263 Lucae-Baginsky's, 3 sizes .....	2.50	C/-7280 Moure's Adenotome, 4 sizes.....	5.00



## Curettes and Adenotomes

(Continued)

	Each		Each
C/-7287 Munger's, adenoid, 3 sizes.....	\$ 3.00	C/-7312 Royce's, adenoid, 3 sizes.....	\$ 3.00
C/-7291 Motais' Finger Curette, 3 sizes.....	1.00	C/-7313 Ruault's.....	2.75
C/-7293 Musson's Finger Curette.....	1.50	C/-7314 Ruault's.....	2.75
C/-7299 Myles', with flexible shank, 5 sizes..	1.25	C/-7315 Ruault's.....	3.25
C/-7311 Reichert's, 2 sizes.....	2.50	C/-7317 Schaeffer's, double-ended spoon....	1.25



### Curettes and Adenotomes

(Continued)

	Each
C/-7321 Schuetz's Pharynx Tonsilotome, with 1 extra blade, 3 sizes . . . . .	\$12.00
C/-7324 Stubbs' Adenoid Curette, 4 sizes . . . . .	3.00
C/-7327 St. Clair Thomson's Adenotome, 4 sizes . . . . .	5.00
C/-7328 Todd's Adenotome, right and left, 2 sizes . . . . .	6.50
C/-7329 Trautmann's, 3 sizes . . . . .	2.00
C/-7333 Vogel's, adenoid, for babies . . . . .	2.50





C/-7347



C/-7365



C/-7369



C/-7339



C/-7419



C/-7431



C/-7437



C/-7445



C/-7460

### Dilators

	Each
C/-7347 Ala Nasi Distender, 3 sizes.....	\$ .40
C/-7359 Dessar's Flexible Bougies, 5 sizes.....	.60
C/-7365 Feldbausch's.....	.50
C/-7369 Francis', silver, 3 sizes.....	.65

### Douches

C/-7419 Birmingham, glass.....	.20
C/-7431 Dessar's, glass.....	.35
C/-7437 Warner's, hard rubber, with bulb.....	.60

### Drills

For Antrum Drills and Perforators, see pages 3162-3163.

### Elevators and Dissectors, Septum

C/-7445 Abraham's, narrow.....	1.50
C/-7446 Abraham's, wide.....	1.50
C/-7447 Abraham's, flat on one, triangular on other side, sharp edges, semi-blunt tip.....	1.75
C/-7450 Asch's.....	1.00
C/-7455 Ballenger-Hajek's, submucous, semi-sharp.....	1.50
C/-7456 Ballenger-Hajek's, same, blunt.....	1.50
C/-7457 Ballenger-Hajek's, same, double-ended.....	1.50
C/-7460 Beck's Gauze Packer and Dissector....	1.25



C/-7446



C/-7447



C/-7450



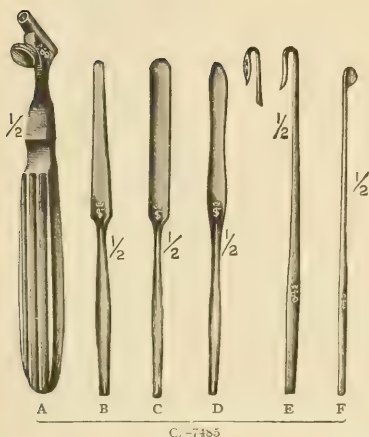
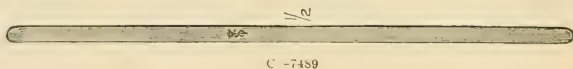
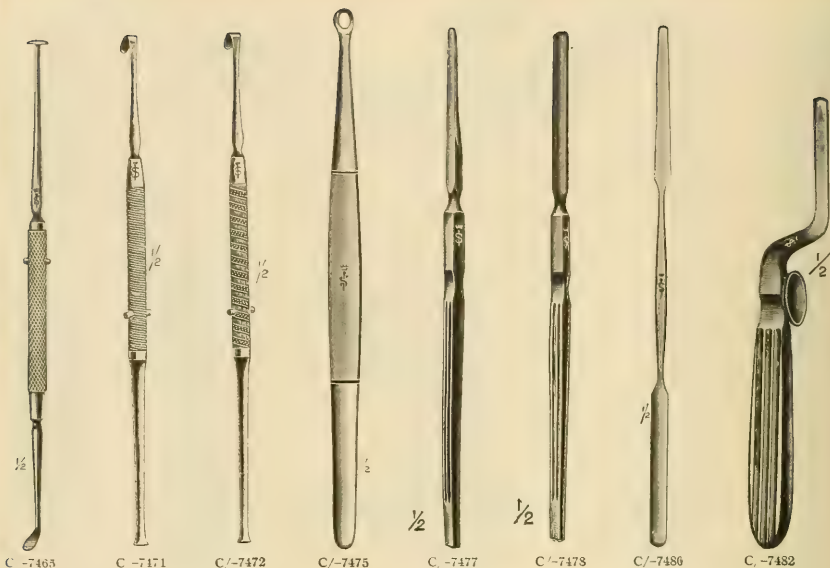
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C/-7456



C/-7457



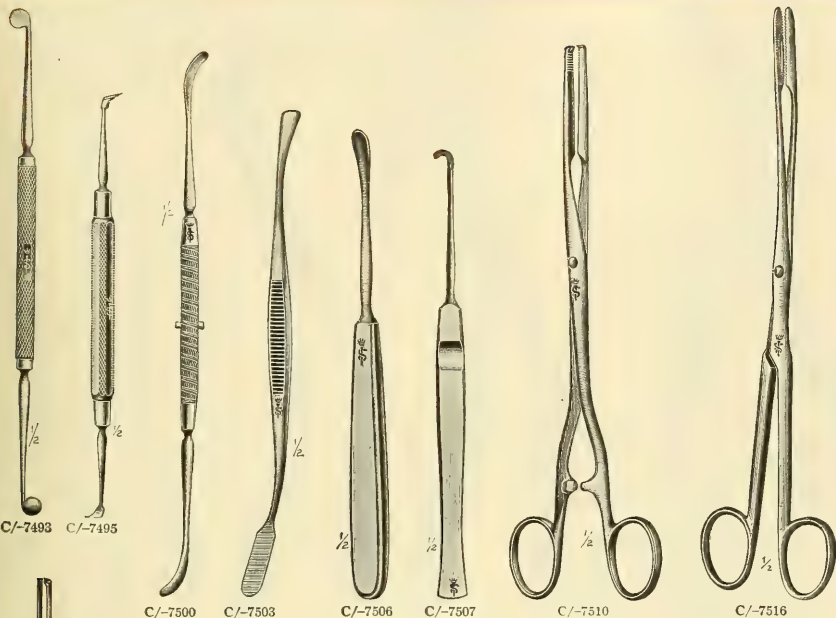
## Elevators and Dissectors, Septum

(Continued)

	Each
C-7465 Brown's Blunt Dissector and Hoe, for removing debris.....	\$ 1.50
C-7471 Goldstein's Elevator, sharp.....	1.50
C-7472 Goldstein's Elevator, blunt.....	1.50
C-7475 Hurd's Separator and Curette.....	2.25
C-7477 Killian's, semi-sharp.....	1.25
C-7478 Killian's, blunt.....	1.25
C-7480 Killian's, double-ended.....	1.50
C-7482 Killian's, bayonet shape, right and left.....	1.75
C-7485 Killian's, set of 5 septum instruments, with 1 Universal handle, complete set.....	6.50

### Single Instruments

A. Universal handle.....	1.75
B. Elevator, straight, sharp.....	1.00
C. Elevator, straight, blunt.....	1.00
D. Elevator, curved.....	1.00
E. Hook-shaped Needle.....	1.25
F. Mucous Membrane Knife.....	1.00
C/-7489 Metzenbaum's Flexible Elevator, 3 sizes.....	.25

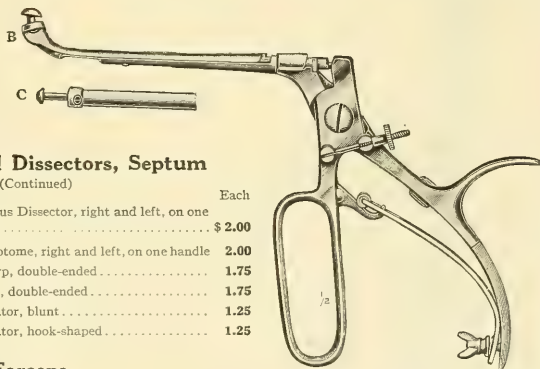


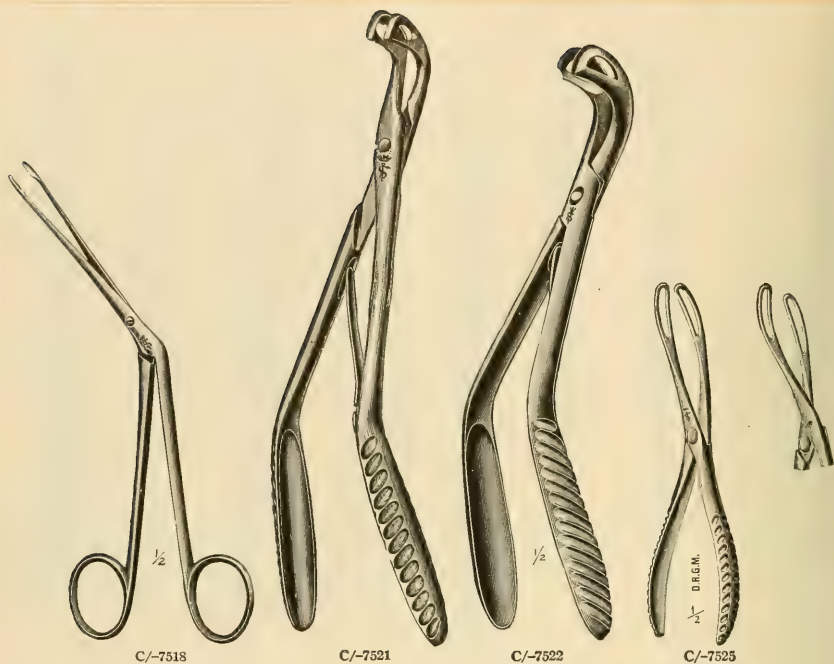
### Elevators and Dissectors, Septum (Continued)

	Each
C/-7493 Pierce's Submucous Dissector, right and left, on one handle.....	\$ 2.00
C/-7495 Purcell's Periosteotome, right and left, on one handle.....	2.00
C/-7500 Rogers', semi-sharp, double-ended.....	1.75
C/-7503 Spratt's Dissector, double-ended.....	1.75
C/-7506 Yankauer's Elevator, blunt.....	1.25
C/-7507 Yankauer's Elevator, hook-shaped.....	1.25

### Forceps

C/-7509 Abraham's, tampon.....	1.60
C/-7510 Abraham's, sponge.....	2.00
C/-7513 Anderson's, set of 2 punches, antrum and sphenoid, with 1 handle, complete set.....	19.00
A. Handle only.....	6.00
B. Antrum Attachment.....	7.50
C. Sphenoid Attachment.....	6.00
C/-7516 Baginsky's, dressing.....	3.00

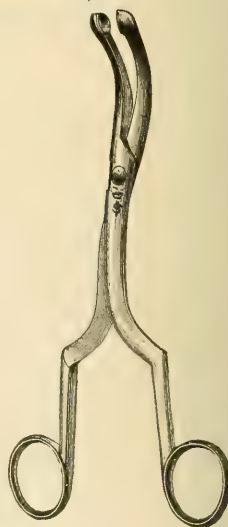




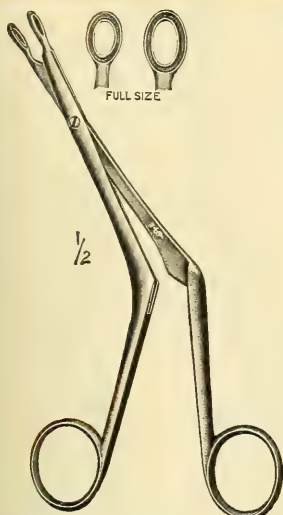
## Forceps

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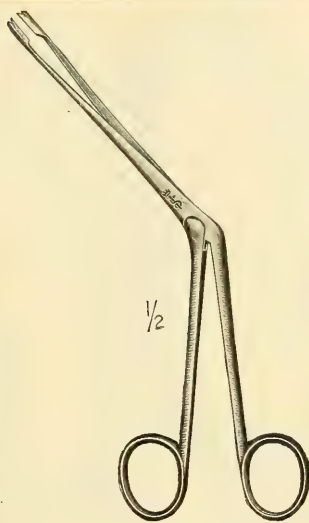
	Each
C/-7518 <b>Beren's</b> , dressing.....	\$ 2.25
C/-7521 <b>Brandegee's</b> , for adenoids, original pattern, blades passing through each other.....	5.50
C/-7522 <b>Brandegee's</b> , new pattern, blades meeting.....	5.50
C/-7525 <b>Braun's</b> , foreign body.....	1.75
C/-7539 <b>Brown's</b> , for pharynx.....	2.75



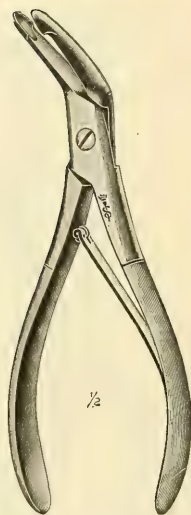




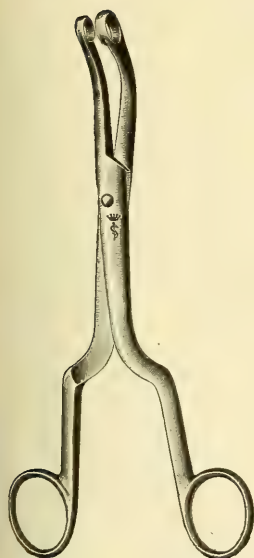
C/-7541



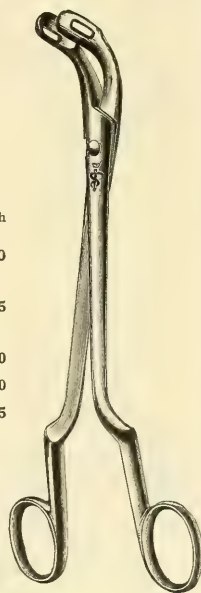
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C/-7543



C/-7545

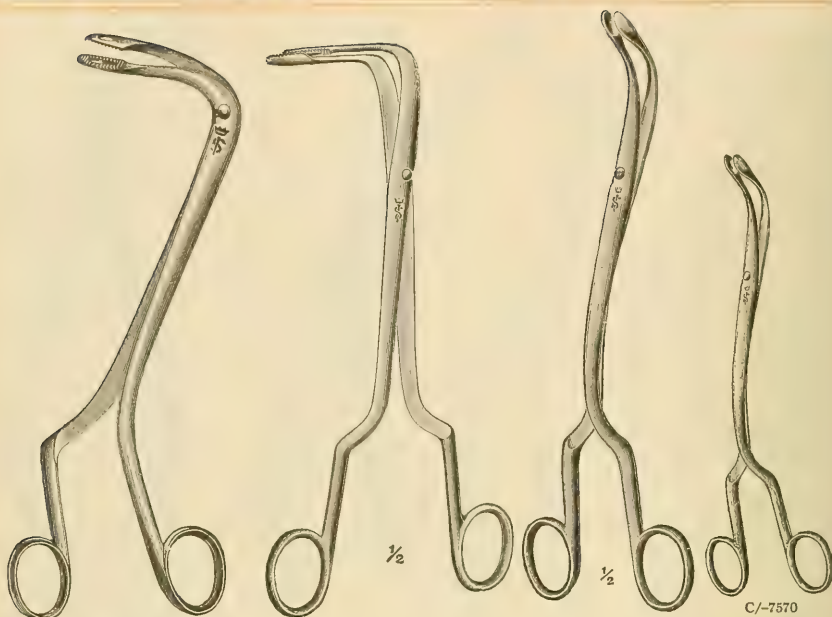


C/-7547

# Forceps

(Continued)

	Each
C/-7541 Bruenings' Septum Cutting Forceps, 2 sizes.....	\$ 5.50
C/-7542 Bruenings' Tampon or Dressing Forceps.....	2.25
C/-7543 Bryant's Septal Ridge Forceps; also useful as mastoid forceps.....	5.00
C/-7545 Casselberry's, adenoid.....	3.00
C/-7547 Chatellier's.....	3.75

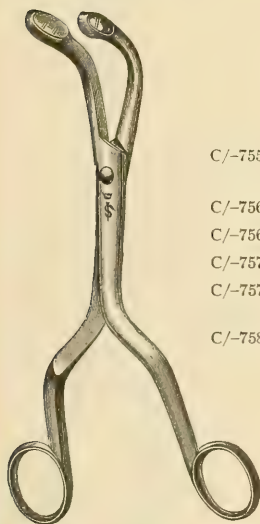


C/-7557

C/-7563

C/-7569

C/-7570

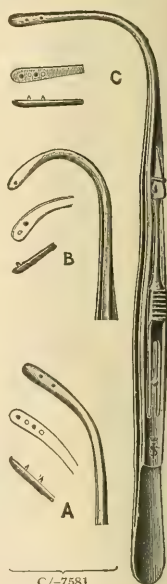


C/-7575

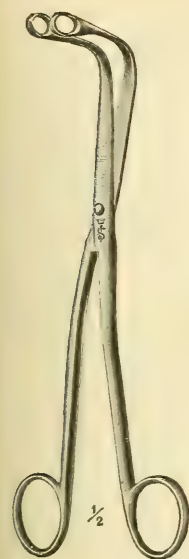
### Forceps

(Continued)

C/-7557	Cohen's, for pharynx, antero-posterior .....	Each \$ 3.00
C/-7563	Cohen's, post nasal .....	2.50
C/-7569	Cohen's Curette Forceps, large .....	2.50
C/-7570	Cohen's Curette Forceps, small .....	2.50
C/-7575	Cohen's Adenoid Forceps, fenestrated .....	4.00
C/-7581	Cohen's Sponge and Cotton Holder, 3 curves, A, B and C .....	2.50



C/-7581



C/-7587



C/-7599



Fig. A  
C/-7606

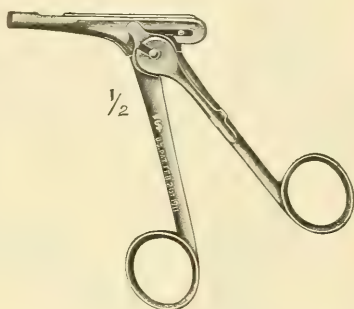


Fig. B

Fig. C

Fig. D

C -7606



C/-7604

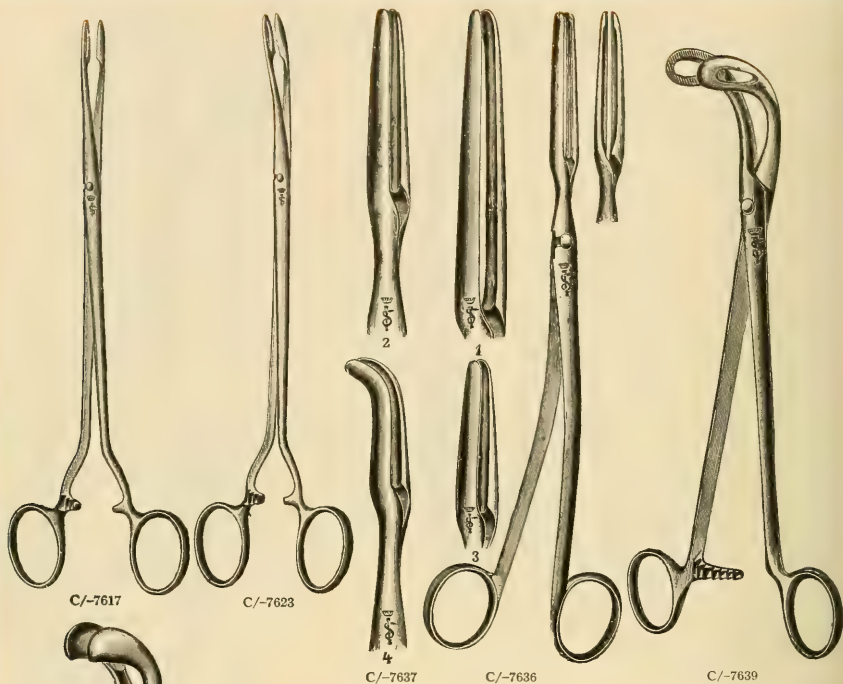


C/-7611

## Forceps

(Continued)

	Each
C/-7587 Holbrook Curtis', for adenoids.....	\$ 3.00
C/-7599 Holbrook Curtis', rongeur.....	6.00
C/-7604 "Detlenk" Universal Handle, with double-action joint, handle only.....	12.00
C/-7606 Interchangeable Blades, fitting "Detlenk" Universal Handle.	
Fig. A. Cordes' Punch, for the Antrum of Highmore, cutting antero-posteriorly.....	12.00
Fig. B. Cordes' Punch, for the Antrum of Highmore, cutting postero-anteriorly.....	12.00
Fig. C. Jansen's Sphenoid Punch.....	9.75
Fig. D. Jansen's Ethmoid Punch.....	10.50
The "Detlenk" double-action joint (U. S. Pat., Feb. 21, 1911) greatly enhances the cutting power of the forceps, enabling the operator to work with ease, and also obviates any rocking or bobbing motion being transmitted to the operating end of the instrument when the handles are closed.	
C/-7611 Douglas', cutting edge, right or left.....	2.75



### Forceps

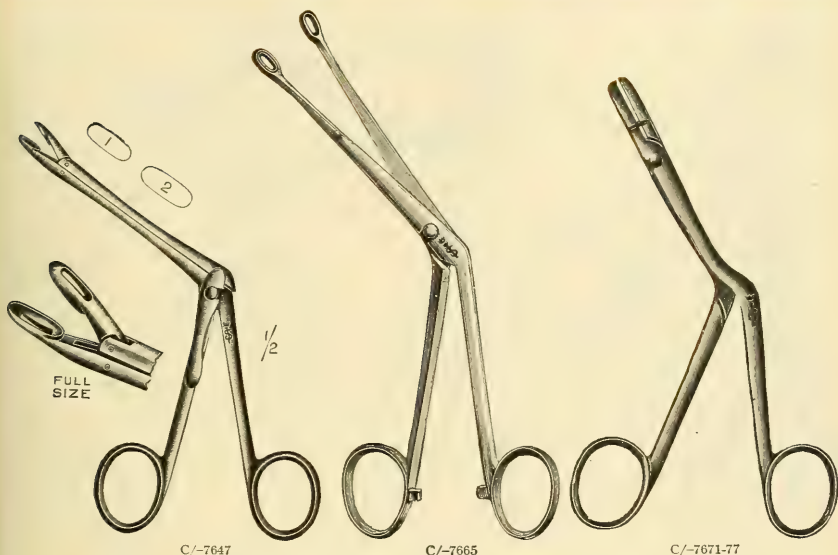
(Continued)

	Each
C/-7617 Duplay's, straight.....	\$ 1.50
C/-7623 Duplay's, curved.....	1.75
C/-7636 Doyen's, cutting edge, straight, 3 sizes. Figs. 1, 2, 3 .....	4.00
C/-7637 Doyen's, cutting edge, curved, Fig. 4.....	4.50
C/-7639 Doyen's, serrated fenestrate jaw, with ratchet.....	4.00
C/-7640 Doyen's, for adenoids.....	4.25
C/-7641 Farnham's, cutting edge, solid blade, 2 sizes.....	7.50

C/-7640

C/-7641





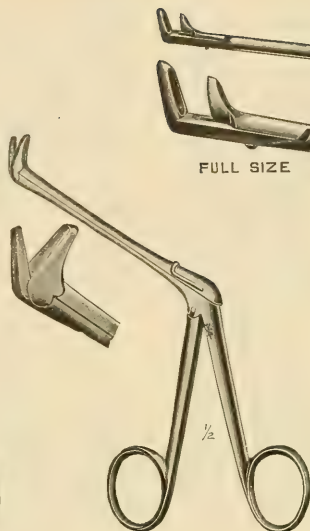
### Forceps

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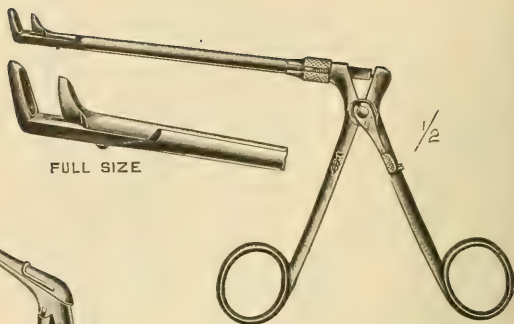
	Each
C/-7647 Farnham's, cutting edge, fenestrated blades, 2 sizes....	\$ 7.50
C/-7664 Fraenkel's, pincer shape.....	1.50
C/-7665 Fraenkel's, fenestrated.....	2.50
C/-7671 Fraenkel's, cutting edge, right.....	4.00
C/-7677 Fraenkel's cutting edge, left.....	4.00
C/-7683 Fraenkel's, strong bone nippers, right	4.00
C/-7689 Fraenkel's, strong bone nippers, left.	4.00
C/-7693 Freer's Adenoid Forceps, for use through the nose.	6.00



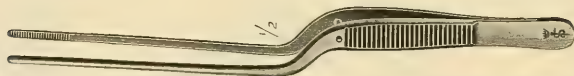
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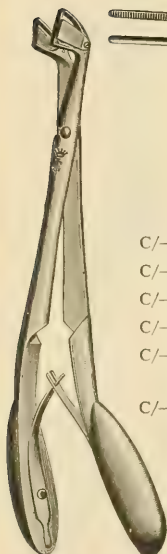
C/-7699



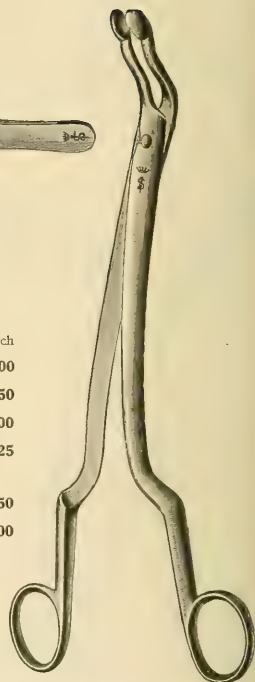
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C/-7725



C/-7719

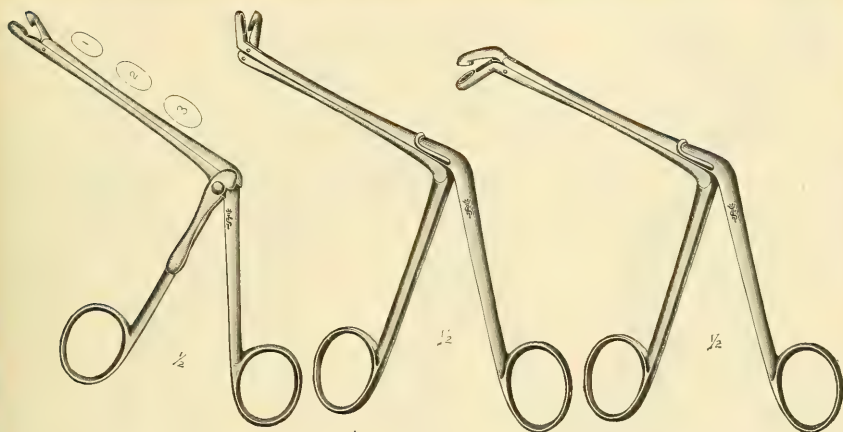


C/-7713

### Forceps

(Continued)

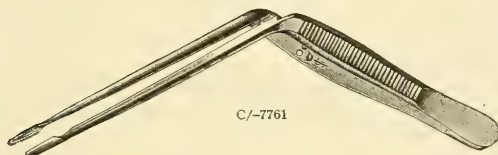
	Each
C/-7695 French's, adenoid.....	\$ 4.00
C/-7699 Fry's, cutting.....	8.50
C/-7713 Gleitzmann's, post nasal.....	4.00
C/-7719 Graddle's, adenoid.....	8.25
C/-7725 Gruenwald's Dressing Forceps, bayonet shape, 8 inches.....	1.50
C/-7726 Gruenwald's, reversible antrum punch...	12.00



C/-7731

C/-7743

C/-7749

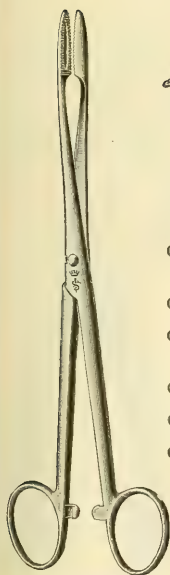


C/-7761

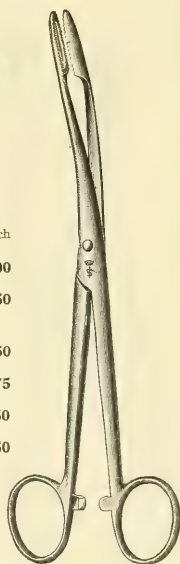
### Forceps

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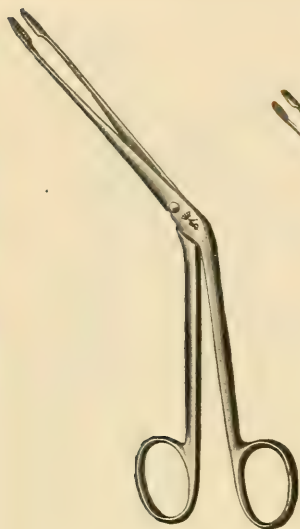
	Each
C/-7731 Gruenwald's Nasal Cutting Forceps, straight, 3 sizes.....	\$ 7.00
C/-7743 Gruenwald's Nasal Cutting Forceps, curved up.....	7.50
C/-7749 Gruenwald's Nasal Cutting Forceps, curved down.....	7.50
C/-7761 Gruenwald's Tampon Forceps.....	1.75
C/-7767 Gross', straight, with catch.....	1.50
C/-7773 Gross', curved, with catch.....	1.50



C/-7767



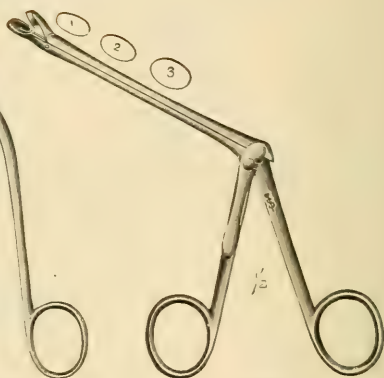
C/-7773



C/-7785



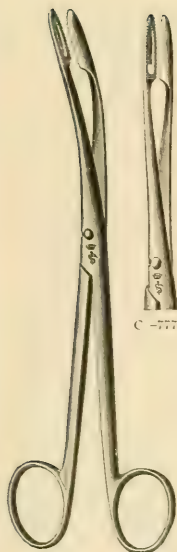
C/-7786



C/-7793



C/-7778

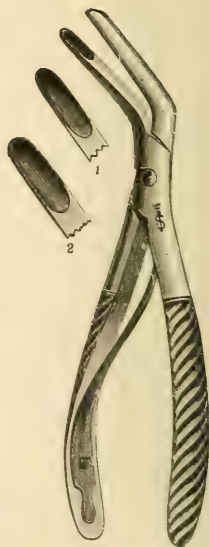


C/-7779

### Forceps

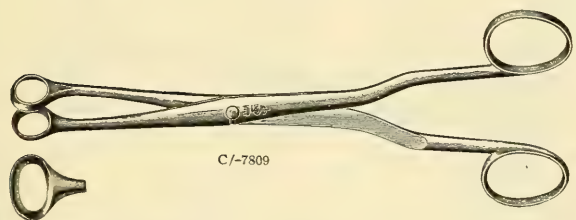
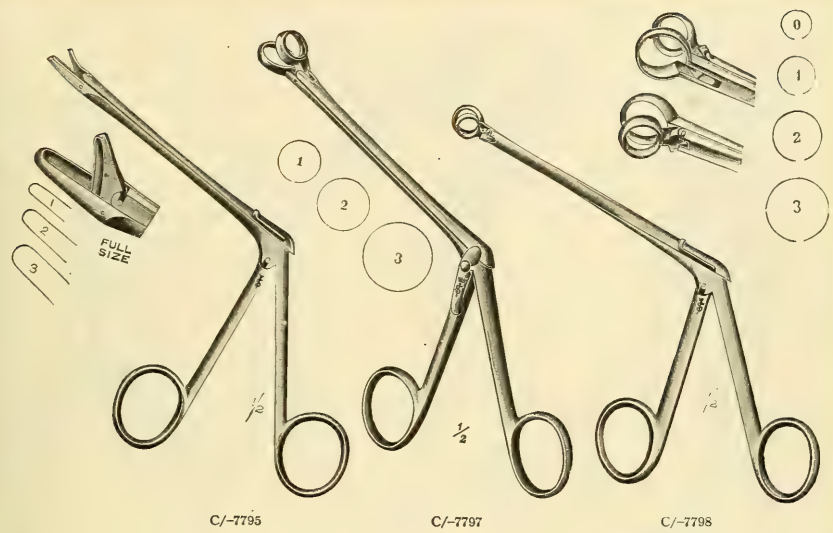
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	Each
C/-7778 <b>Gross', straight, without catch</b> . . . .	\$ 1.25
C/-7779 <b>Gross', curved, without catch</b> . . . .	1.25
C/-7785 <b>Hartmann's, dressing, 8½ inches</b> . .	1.35
C/-7786 <b>Hartmann's, dressing, light pattern, 7¼ inches</b> . . . . .	1.35
C/-7791 <b>Hartmann's, bone cutting, 2 sizes</b> . .	4.00
C/-7793 <b>Hartmann-Gruenwald's Cutting Forceps, 3 sizes</b> . . . . .	7.50



C/-7791

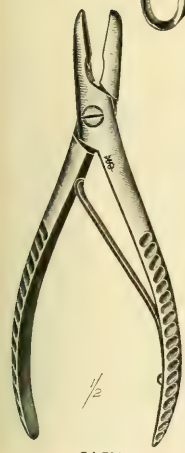




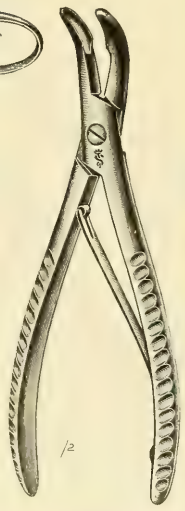
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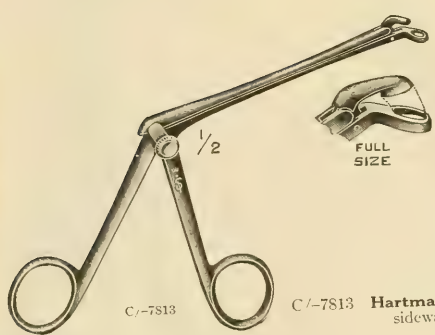
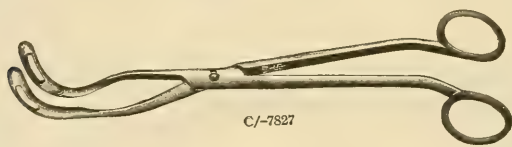
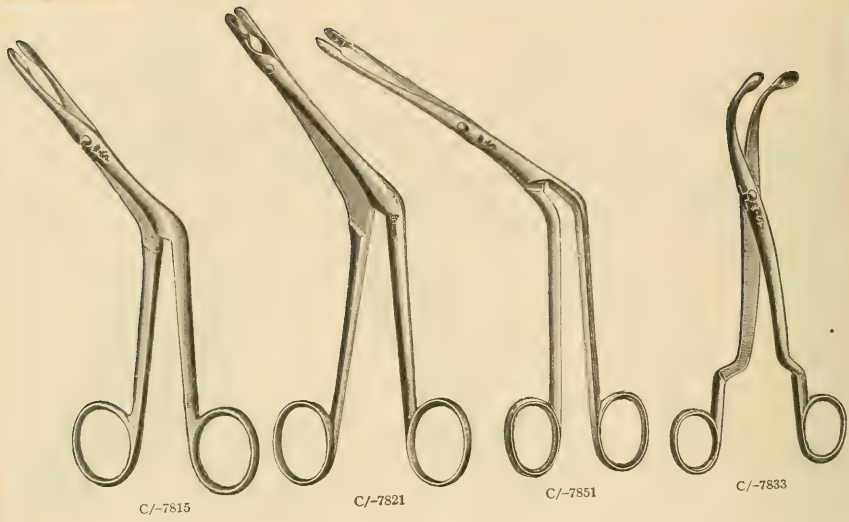
	Each
C/-7795 Hartmann's, cutting, improved pattern 3 sizes.....	\$ 7.25
C/-7797 Hartmann's, conchotome, round, hori- zontal position, 3 sizes.....	7.00
C/-7798 Hartmann's, conchotome, round, verti- cal position, right and left, 4 sizes...	7.00
C/-7809 Hartmann's, cutting edge, for adenoids	4.00
C/-7811 Hartmann's, rongeur, straight.....	3.50
C/-7812 Hartmann's, rongeur, curved on flat..	3.75



C/-7811

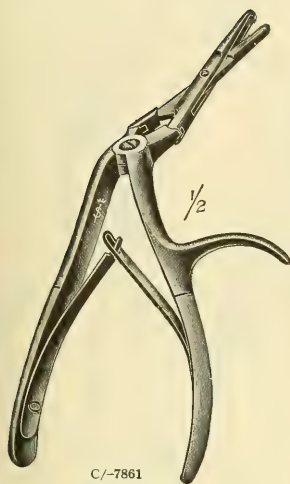


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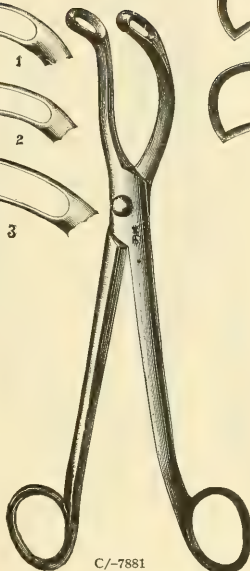


**Forceps**  
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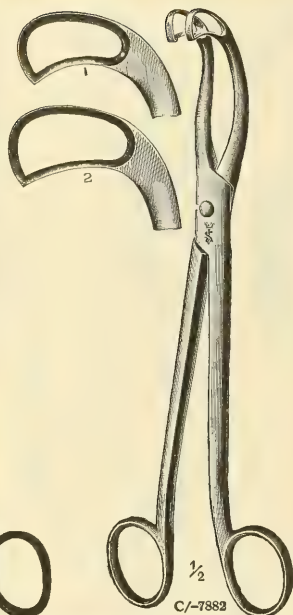
	Each
C/-7813 Hartmann-Gruenwald's, curved sideways, right or left.....	\$ 8.00
C/-7815 Heymann's, cutting edge.....	2.00
C/-7821 Heymann's, cutting edge, improved pattern.....	2.50
C/-7827 Hodge's, for adenoids.....	4.25
C/-7833 Hooper's, for adenoids.....	3.00
C/-7839 Hurd's, septal ridge, reversible.....	8.50
C/-7851 Ingals', dressing.....	1.50



C/-7861



C/-7881



C/-7882

### Forceps

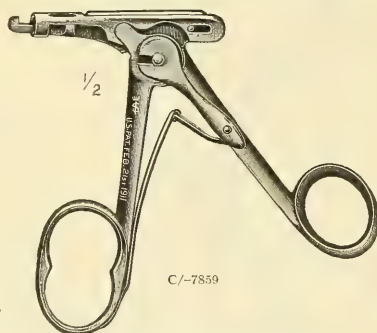
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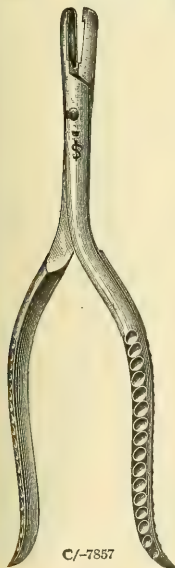
C/-7857 **Ingals', rongeur.** \$ 3.00

C/-7859 **Jansen-Detlenk Rongeur Forceps, for frontal sinus and mastoid** . . . . . 18.00

The Jansen-Detlenk Rongeur Forceps is provided with the "Detlenk" double-action joint (U. S. Pat., Feb. 21, 1911), and owing to this construction a very great increase in power over the ordinary patterns is obtained. This is a high-grade instrument, mechanically perfect in construction, and will cut through a bone 4 mm. in thickness with comparative ease.

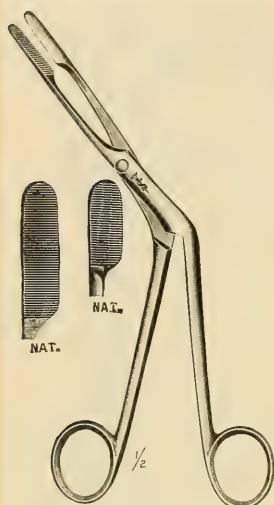


C/-7859

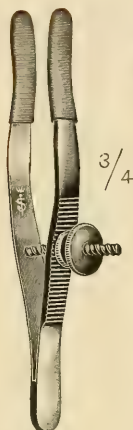


C/-7857

	Each
C/-7861 <b>Jansen-Middleton's Septum Punch</b> . . . . .	\$12.00
C/-7881 <b>Jurasz's, adenoid, original pattern, 3 sizes</b> . . . . .	3.50
C/-7882 <b>Jurasz's, adenoid, improved pattern, 2 sizes</b> . . . . .	3.50



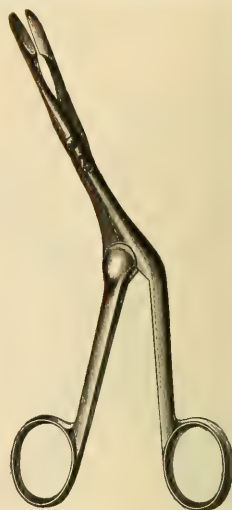
C/-7889-90



C/-7892



C/-7893



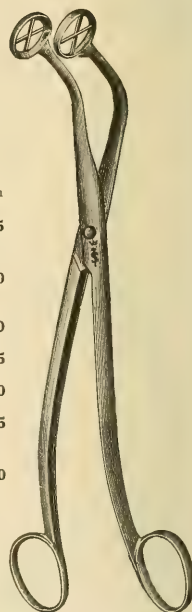
C/-7899



C/-7911

### Forceps (Continued)

	Each
C/-7889 Killian's, septum compression, small . . . . .	\$ 3.25
C/-7890 Killian's, septum compression, large . . . . .	3.50
C/-7892 Knecht's, for epistaxis, with soft rubber covered jaws . . . . .	1.00
C/-7893 Knight's . . . . .	1.75
C/-7899 Knight's, cutting edge . . . . .	2.00
C/-7911 Krause's, cutting . . . . .	3.75
C/-7923 Kuehne's, cutting edges, with guard . . . . .	4.50

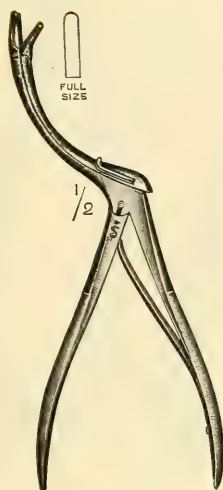


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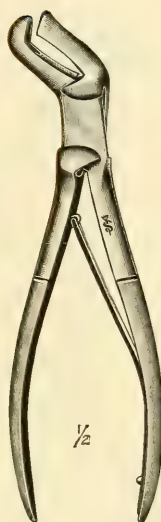




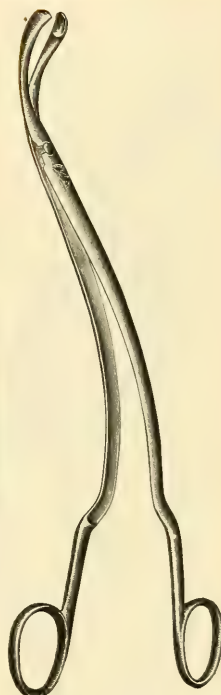
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C/-7931



C/-7955

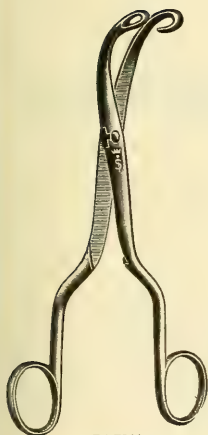


C/-7947

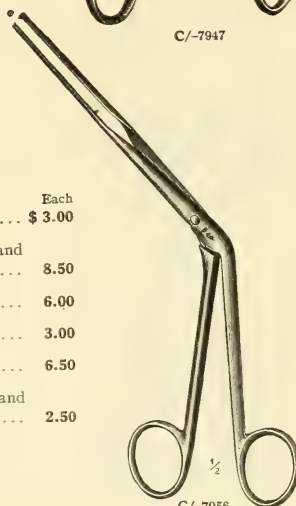
### Forceps

(Continued)

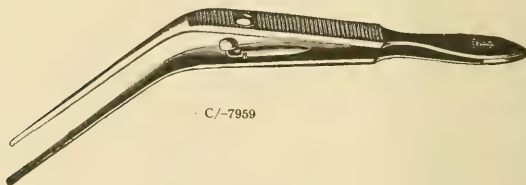
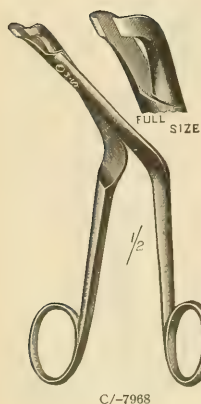
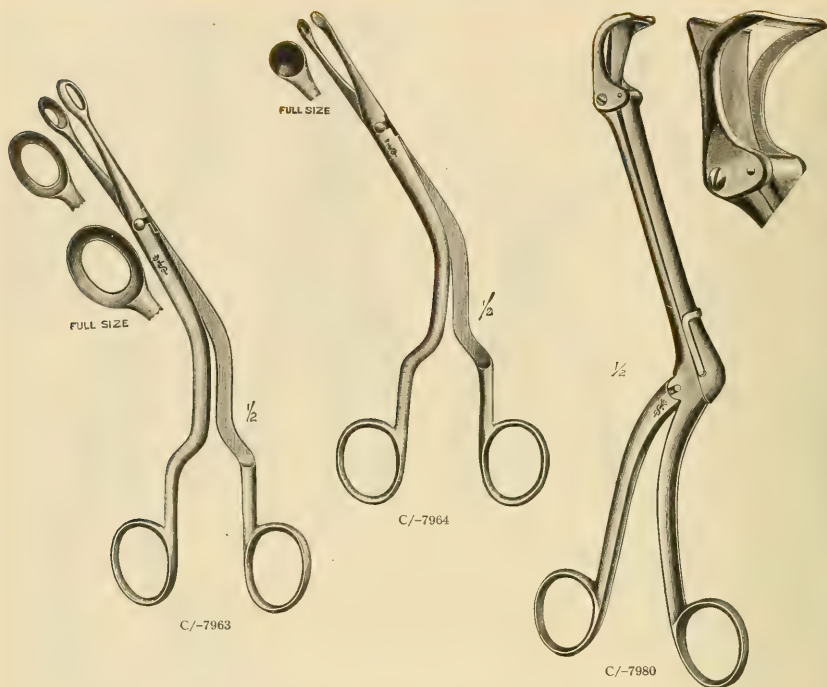
	Each
C/-7929 Lange's, cutting edge.....	\$ 3.00
C/-7931 Lange's, for ethmoidal cells and frontal sinus.....	3.50
C/-7941 Leonard's, cutting edge.....	6.00
C/-7947 Loewenberg's, pharyngotome...	3.00
C/-7955 Lombard's, rongeur.....	6.50
C/-7956 Lubet-Barbon's, dressing and tampon.....	2.50



C/-7941



C/-7956



### Forceps

(Continued)

	Each
C/-7959 Lublinski's, dressing .....	\$ 2.50
C/-7963 Luc's, cutting edge, fenestrated, 2 sizes. ....	4.00
C/-7964 Luc's, cutting edge, solid scoop-shaped .....	4.00
C/-7968 Lutz's, septal ridge .....	5.00
C/-7980 Martin's, adenoid .....	15.00



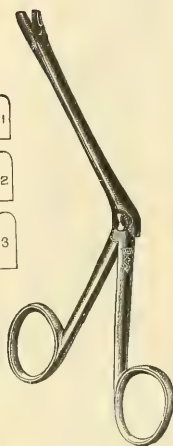
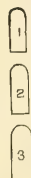
C/-7981



C/-7982



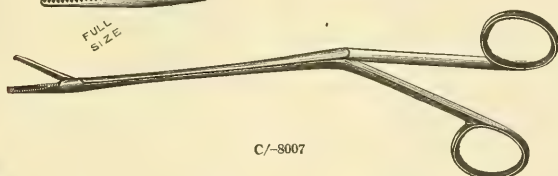
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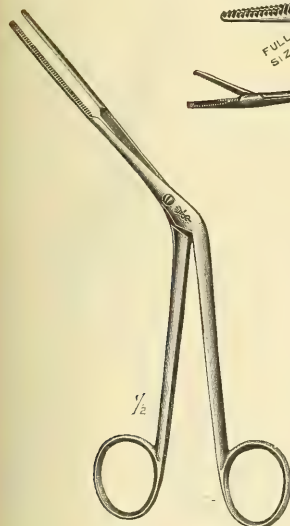
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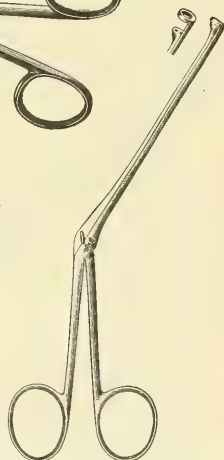
FULL  
SIZE



C/-8007



C/-7986

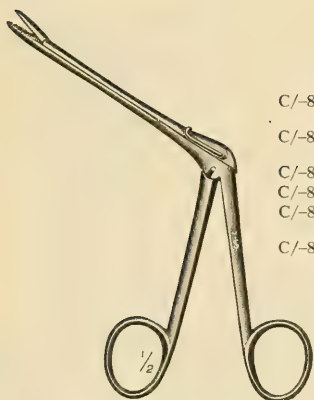
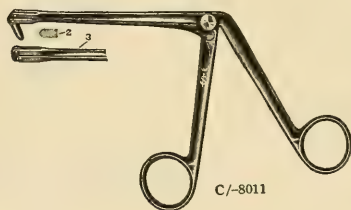
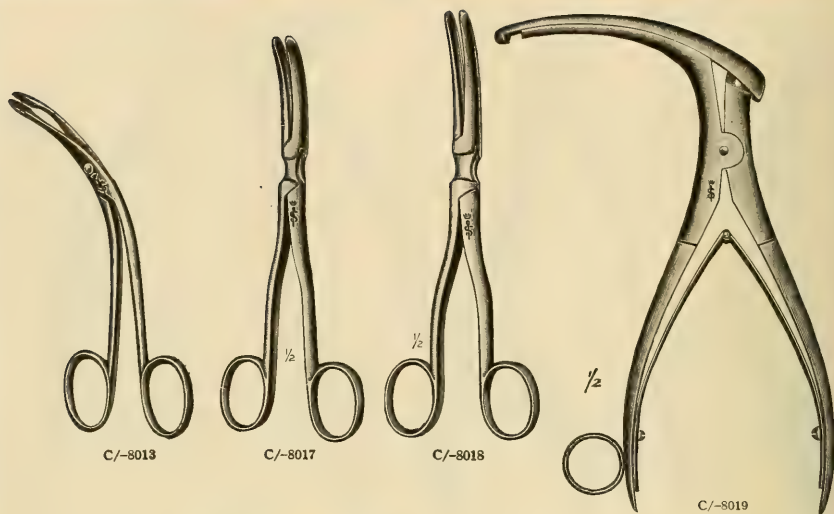


C/-8001

### Forceps

(Continued)

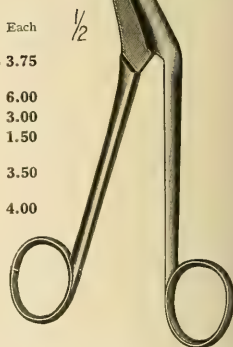
	Each
C/-7981 McCoy's, cutting, straight, for cartilaginous septum.....	\$ 5.00
C/-7982 McCoy's, cutting, angular, for submaxillary ridge.....	5.00
C/-7985 Menière's, adenoid....	4.00
C/-7986 Musehold's, dressing and tampon.....	2.00
C/-7989 Myles', cutting edge, 3 sizes.....	7.00
C/-8001 Myles', ethmoid clipper, 3 sizes.....	7.00
C/-8007 Noyes', alligator action.	3.50



### Forceps

(Continued)

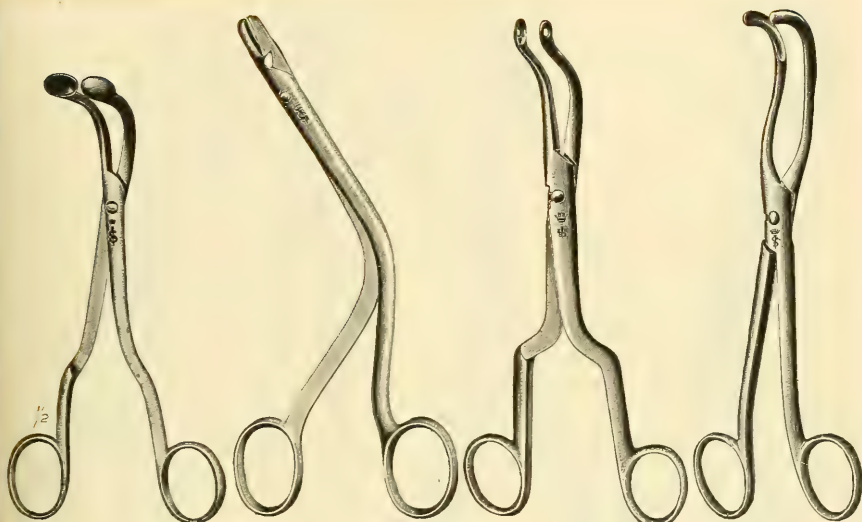
	Each
C/-8008 <b>Noyes'</b> , alligator action, heavy, for turbinate work.....	\$ 3.75
C/-8011 <b>Ostrom's</b> Back-Cutting Ant- rum Punch.....	6.00
C/-8012 <b>Pfau's</b> , cutting.....	3.00
C/-8013 <b>Pond's</b> , dressing.....	1.50
C/-8017 <b>Prince's</b> , cutting, bridge and middle turbinate.....	3.50
C/-8018 <b>Prince's</b> , cutting, polypus and inferior turbinate.....	4.00
C/-8019 <b>Prince's</b> frontal sinus, for enlarg- ing opening in- ternally.....	10.50



C/-8008

C/-8012





C/-8021

C/-8023

C/-8025

C/-8043

### Forceps

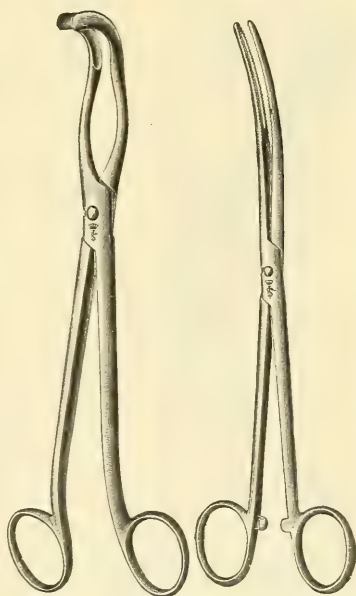
(Continued)

Each

C/-8021	Prince's, adenoid	\$ 3.50
C/-8023	Pyncheon's, cutting .....	3.75
C/-8025	Quinlan's, adenoid .....	3.25
C/-8037	Richards', bone nipper, right or left .....	3.00
C/-8043	Roberts', adenoid, small ....	3.50
C/-8049	Roberts', adenoid, large .....	3.50
C/-8055	Robinson's, evulsion and dressing .....	2.25

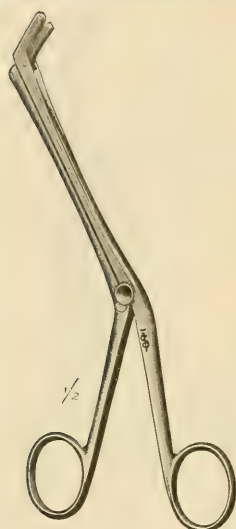


C/-8037



C/-8049

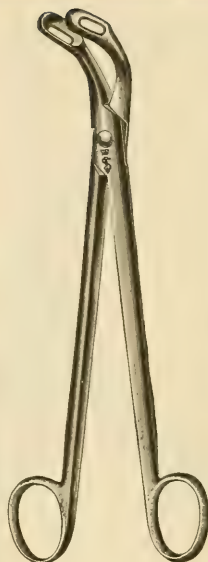
C/-8055



C/-8057



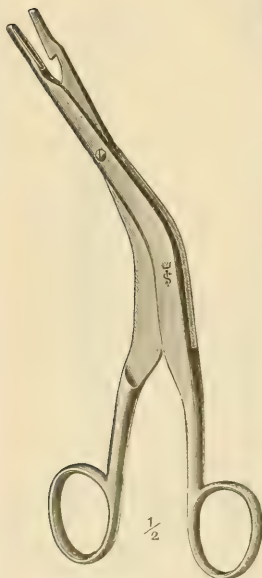
C/-8056



C/-8060



C/-8067

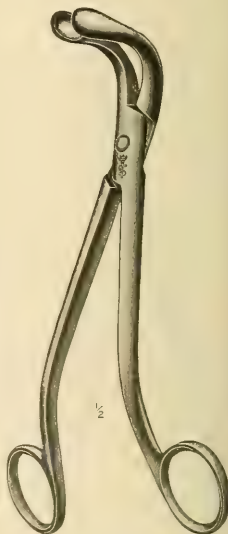


C/-8059

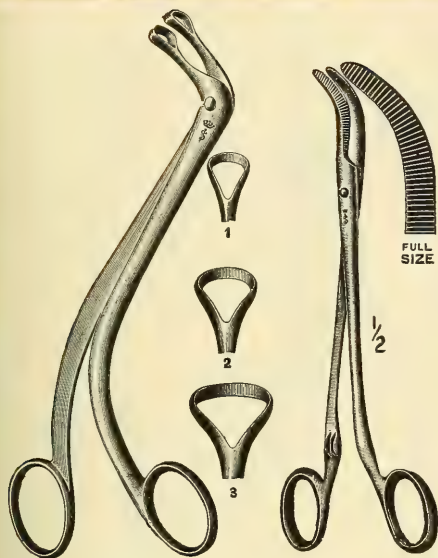
### Forceps

(Continued)

	Each
C/-8056 Roe's, antrum punch, for either side.....	\$ 10.00
C/-8057 Roe's, cutting, bent up...	6.50
C/-8059 Ruault's, nasal cutting...	6.00
C/-8060 Ruault's, adenoid .....	4.00
C/-8067 Schaeffer's, cutting .....	3.50
C/-8073 Schech's, cutting.....	4.00

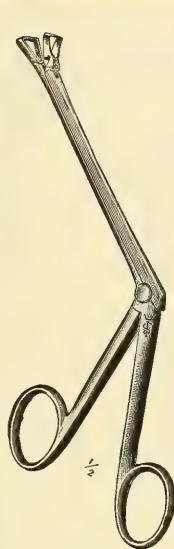


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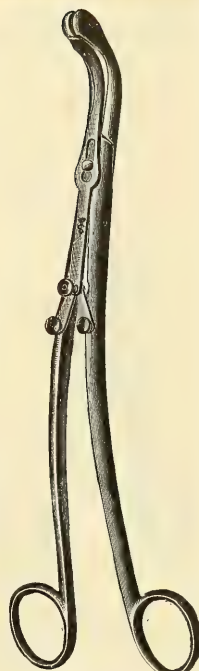


C/-8079

C/-8083



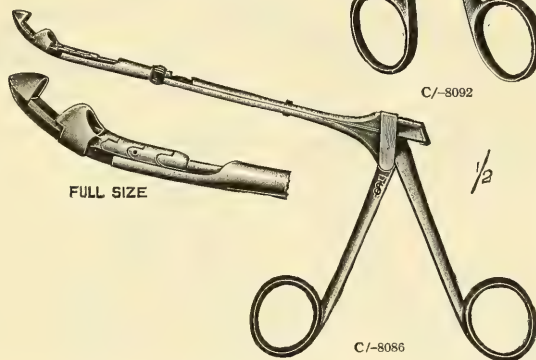
C/-8084



C/-8092



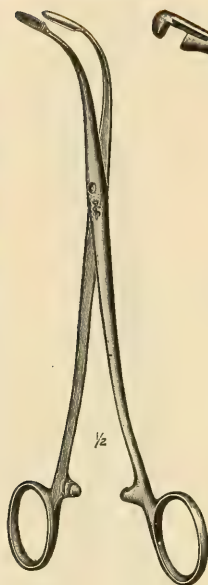
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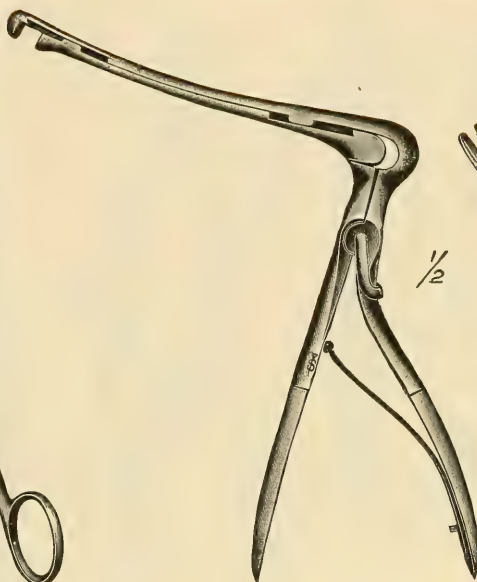
## Forceps

(Continued)

	Each
C/-8079 Schuetz's, adenoid, 3 sizes.....	\$ 4.50
C/-8083 Shallcross' Nasal and Tonsil Haemostate, double-curved.....	2.50
C/-8084 Schmeden's Conchotome, triangular shape, 3 sizes.....	7.50
C/-8085 Simrock's, dressing.....	1.75
C/-8086 Spiess' Antrum Punch, reversible in any direction.....	13.50
C/-8092 Stein's, adenoid, with guard.....	6.00



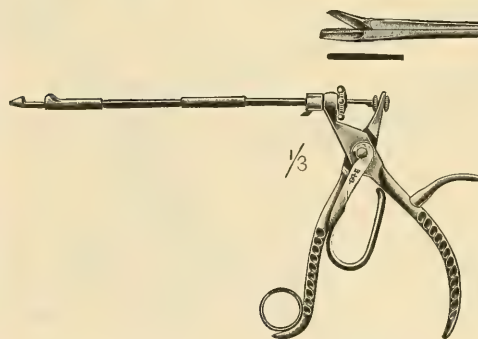
C/-8097



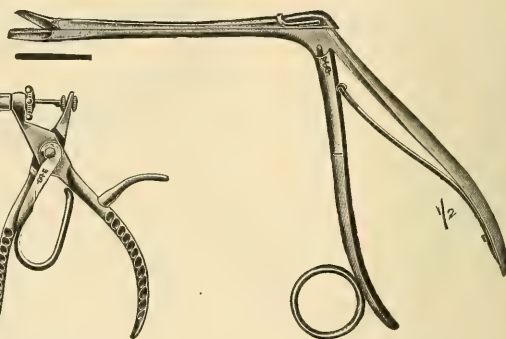
C/-8095



C/-8103



C/-8093



C/-8099

### Forceps

(Continued)

	Each
C/-8093 Schmithuisen-Pynchon's Ethmoid and Sphenoid Punch .....	\$12.00
C/-8095 Skillern-Hajek's Sphenoid Punch .....	13.50
C/-8097 Stille's, sponge and dressing .....	2.00
C/-8099 Struycken's, nasal cutting .....	8.50
C/-8103 Teet's, nasal cutting .....	4.00





C/-8109



C/-8110



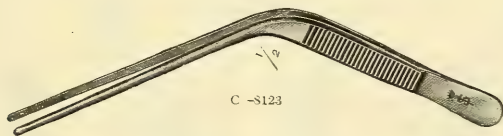
C/-8115



C/-8121



C/-8127

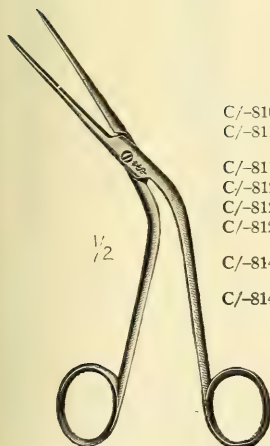


C -8123

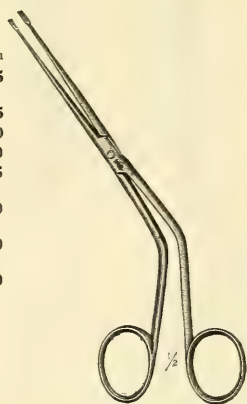
## Forceps

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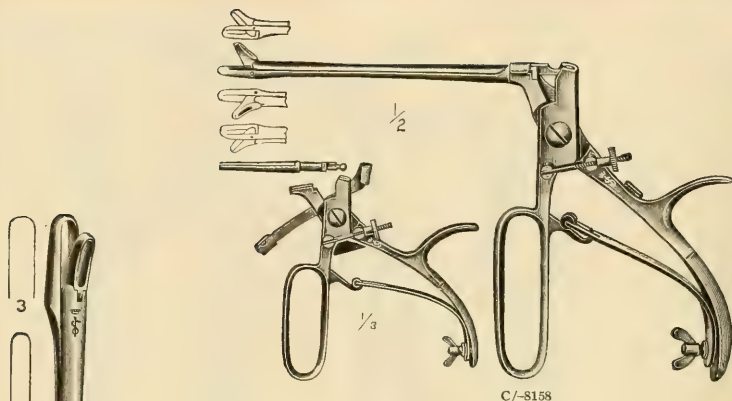
	Each
C/-8109 St. Clair Thomson's, adenoid	\$ 3.75
C/-8110 St. Clair Thomson's, dressing, peritonsillar abscess....	1.75
C/-8115 Wagner's, post nasal.....	2.50
C/-8121 Weir's, cutting, for turbinates.	2.50
C/-8123 Wilde's, dressing, 7 inches long	1.25
C/-8127 Wilson's, dressing, mouse-toothed.....	2.50
C/-8141 Yankauer's, gauze packing, smooth blades.....	2.00
C/-8142 Yankauer's Crutch Forceps, for intranasal suturing.....	2.50



C/-8141



C/-8142



## Universal Operating Instruments

### With Detachable Handle and Interchangeable Blades

The Universal Handle is designed to fit the hand perfectly, giving great power and at the same time obviating the rocking or bobbing motion which is sometimes transmitted to the operating end of the instrument in the old types of angular cutting forceps.

The attachments shown on this and the following pages are all made to fit the Universal Handle and may be rotated in the handle and fixed in any position.

We also furnish straight and curved canulae fitting this handle, with various patterns of cutting tips for direct and indirect laryngeal work; see pages 3283-3284.

Actual size. For length of shanks, see Fig. 1.

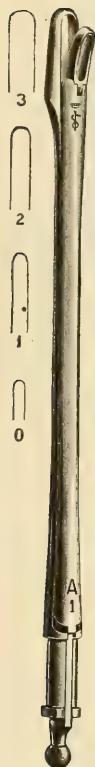


Fig. 0, 1, 2, 3

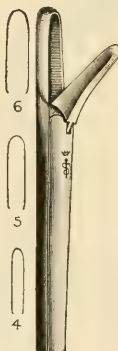


Fig. 4, 5, 6

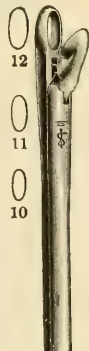


Fig. 10, 11, 12



Fig. 15, 16, 17



Fig. 20

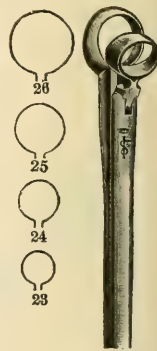


Fig. 23, 24, 25, 26

C/ 8159

	Each
C/-8158 Universal Detachable Handle; handle only.....	\$ 6.00
C/-8159 Fig. 0, 1, 2, 3, Myles' Nasal Cutting Forceps, 4 sizes.....	4.75
C/-8159 Fig. 4, 5, 6, Gruenwald-Struycken's Nasal Cutting Forceps, 3 sizes.....	5.00
C/-8159 Fig. 10, 11, 12, Gruenwald's Nasal Cutting Forceps, straight, 3 sizes.....	4.75
C/-8159 Fig. 15, 16, 17, Gruenwald's Nasal Cutting Forceps, curved up or down, 3 sizes.....	5.50
C/-8159 Fig. 20, Gruenwald's Reversible Ethmoid Punch.....	6.00
C/-8159 Fig. 23, 24, 25, 26, Hartmann's Conchotome or Tonsil Punch, round shape, 4 sizes.....	5.00

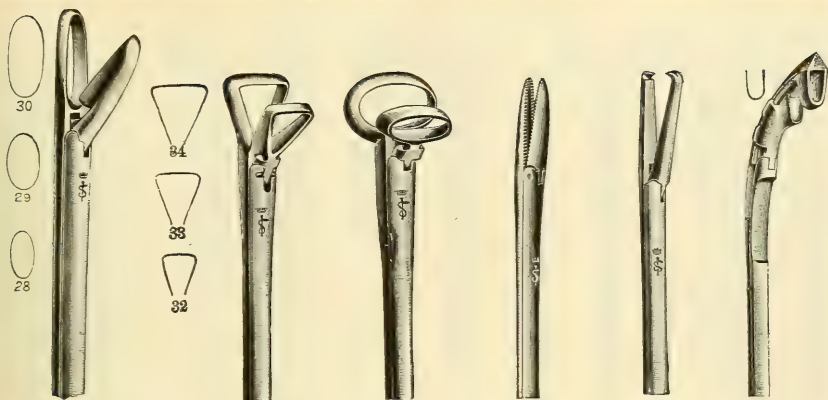


Fig. 28, 29, 30

Fig. 32, 33, 34

Fig. 37

Fig. 38

Fig. 39

Fig. 40

C/-S159

Actual size. For length of shanks, see Fig. 1.

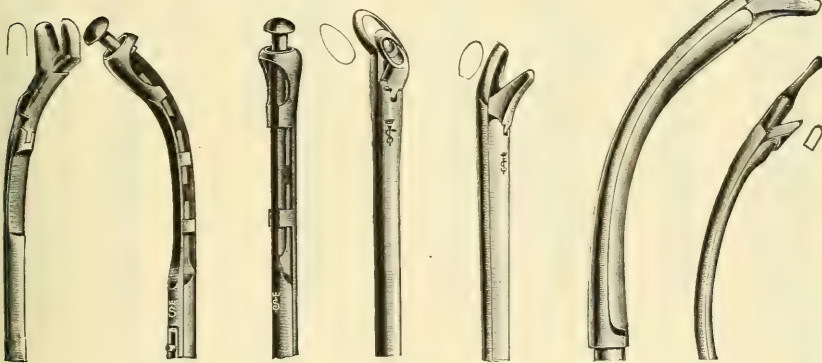


Fig. 42

Fig. 43

Fig. 44

Fig. 45L

Fig. 47

Fig. 49

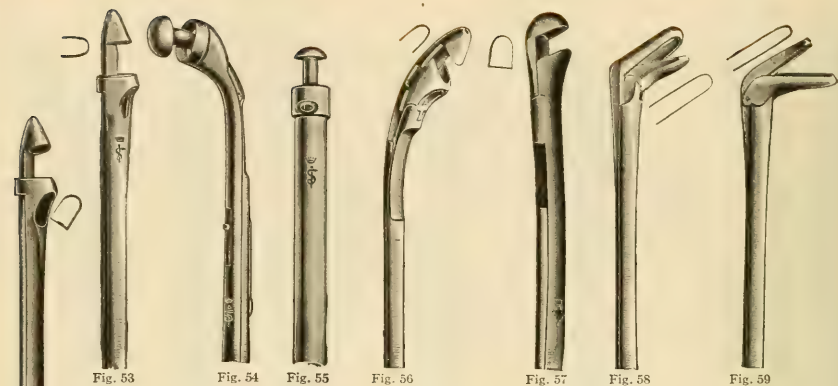
Fig. 50

C/-S159

## Universal Operating Instruments

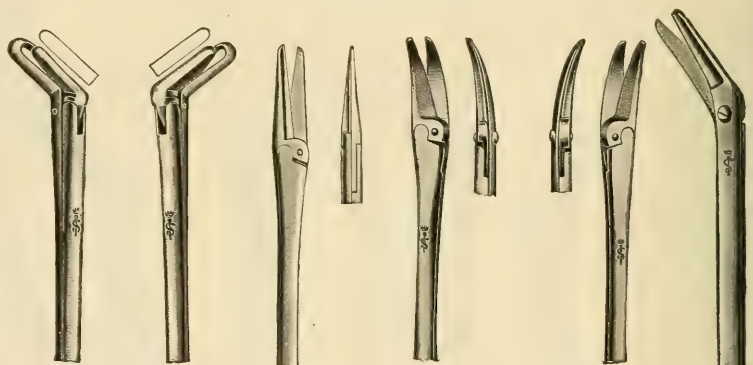
(Continued)

	Each
C/-S159 Fig. 28, 29, 30, Hartmann's Nasal Cutting Forceps, oval shape, 3 sizes	\$ 5.00
C/-S159 Fig. 32, 33, 34, Schmeden's Conchotome or Tonsil Punch, triangular shape, 3 sizes	6.00
C/-S159 Fig. 37, Hartmann's Conchotome or Tonsil Punch, oval shape	6.00
C/-S159 Fig. 38, Grasping Forceps, serrated blades	3.75
C/-S159 Fig. 39, Grasping Forceps, mouse-toothed	4.00
C/-S159 Fig. 40, Wagener's Antrum Punch, cutting forward	9.00
C/-S159 Fig. 42, Wagener's Antrum Punch, cutting backward	9.00
C/-S159 Fig. 43, Fletcher's Antrum Punch, for either side	9.00
C/-S159 Fig. 44, Fletcher's Ethmoid and Sphenoid Punch	8.00
C/-S159 Fig. 45R, 45L, Kuemmel's Nasal Cutting Forceps, right or left	6.25
C/-S159 Fig. 47, Lermoyez's Nasal Cutting Forceps	5.00
C/-S159 Fig. 49, Lange's Frontal Sinus Punch, large	6.25
C/-S159 Fig. 50, Lange's Frontal Sinus Punch, small, with probe end	6.25



C/-8159

Actual size. For length of shanks, see Fig. 1.



C/-8159

## Universal Operating Instruments

(Continued)

	Each
C/-8159 Fig. 52, <b>Schmithuisen's</b> Ethmoid and Sphenoid Punch, with long shank $6\frac{1}{4}$ inches.....	\$ 7.75
C/-8159 Fig. 53, <b>Schmithuisen's</b> Ethmoid and Sphenoid Punch, with short shank, $4\frac{1}{2}$ inches.....	7.25
C/-8159 Fig. 54, <b>Anderson's</b> Antrum Punch.....	7.50
C/-8159 Fig. 55, <b>Anderson's</b> Sphenoid Punch.....	6.00
C/-8159 Fig. 56, <b>Spiess' Antrum</b> Punch.....	9.00
C/-8159 Fig. 57, <b>Skillern-Hajak's</b> Sphenoid Punch.....	8.00
C/-8159 Fig. 58, <b>Myles' Nasal</b> Cutting Forceps, bent up.....	6.00
C/-8159 Fig. 59, <b>Fry's Nasal</b> Cutting Forceps.....	5.50
C/-8159 Fig. 60R, 60L, <b>Jackson's Turbinate</b> Forceps, right or left.....	6.75
C/-8159 Fig. 65, <b>Holmes' Nasal</b> Scissors, straight.....	5.75
C/-8159 Fig. 66R, 66L, <b>Holmes' Nasal</b> Scissors, curved, right or left.....	6.25
C/-8159 Fig. 69, <b>Watson's Nasal</b> Scissors, angular.....	6.75

Fig. 52  
C/-8159



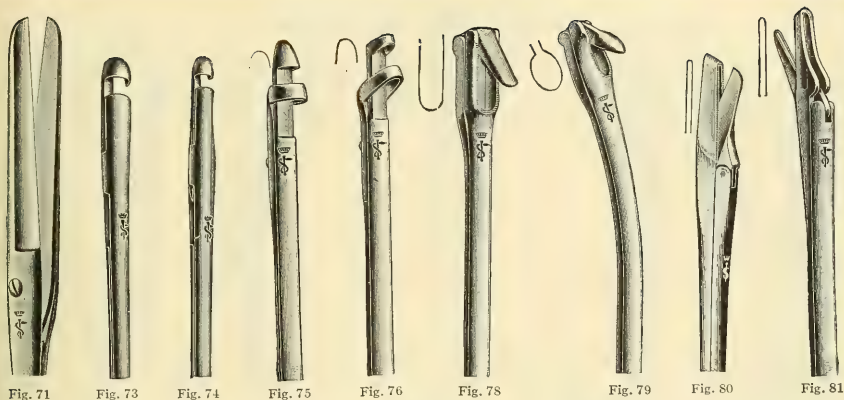


Fig. 71 Fig. 73 Fig. 74 Fig. 75 Fig. 76 Fig. 78 Fig. 79 Fig. 80 Fig. 81

C/-8159

Actual size. For length of shanks, see Fig. 1.

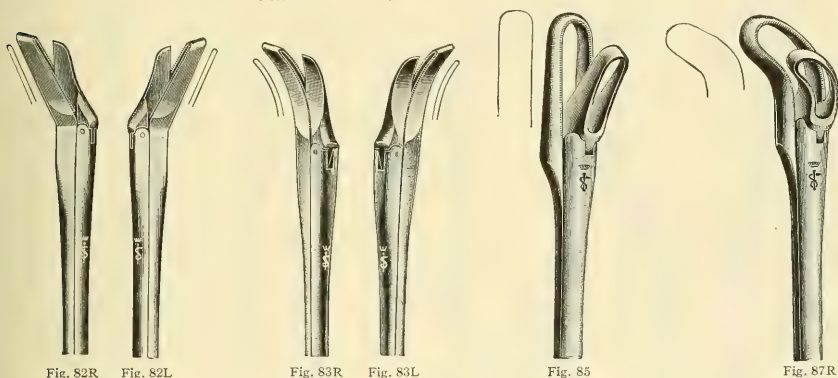


Fig. 82R Fig. 82L Fig. 83R Fig. 83L Fig. 85 Fig. 87R

C/-8159

## Universal Operating Instruments

(Continued)

	Each		Each
C/-8159 Fig. 71, <b>Hartmann's</b> Nasal Scissors, straight...	\$ 6.00	C/-8159 Fig. 80, <b>Struycken's</b> Cutting Forceps, straight, very small bite.....	\$ 5.50
C/-8159 Fig. 73, <b>Schoetz's</b> Double Chisel, large.....	5.00	C/-8159 Fig. 81, <b>Struycken's</b> Nasal Cutting Forceps, straight.....	5.00
C/-8159 Fig. 74, <b>Schoetz's</b> Double Chisel, small.....	5.00	C/-8159 Fig. 82R, Fig. 82L, <b>Struycken's</b> Nasal Cutting Forceps, angular, right or left.....	6.75
C/-8159 Fig. 75, <b>Cordes'</b> Sphenoid Punch.....	5.75	C/-8159 Fig. 83R, 83L, <b>Struycken's</b> Nasal Cutting Forceps, curved sideways, right and left.....	6.75
C/-8159 Fig. 76, <b>Cordes'</b> Ethmoid Punch.....	5.75	C/-8159 Fig. 85, <b>Myles'</b> Tonsil Punch, oblong shape, straight.....	6.50
C/-8159 Fig. 78, <b>Ostrom's</b> Antrum Forceps, back-cutting, straight.....	6.50	C/-8159 Fig. 87R, <b>Myles'</b> Tonsil Punch, oblong shape, curved to side, right.....	7.50
C/-8159 Fig. 79, <b>Ostrom's</b> Antrum Forceps, back-cutting, curved.....	6.75		

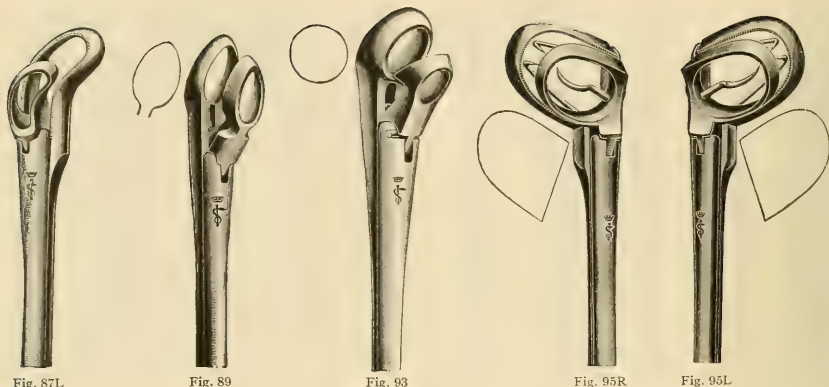


Fig. 87L

Fig. 89

Fig. 93

Fig. 95R

Fig. 95L

C/-8159

Actual size. For length of shanks, see Fig. 1.

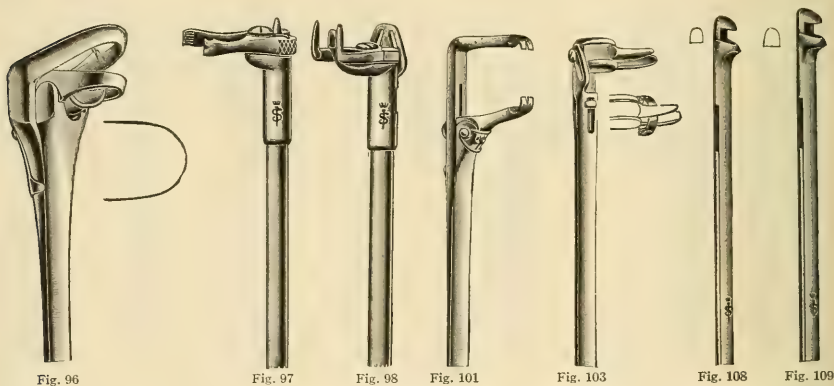


Fig. 96

Fig. 97

Fig. 98

Fig. 101

Fig. 103

Fig. 108

Fig. 109

C/-8159

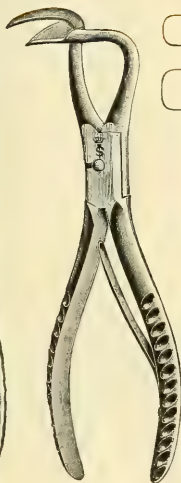
## Universal Operating Instruments

(Continued)

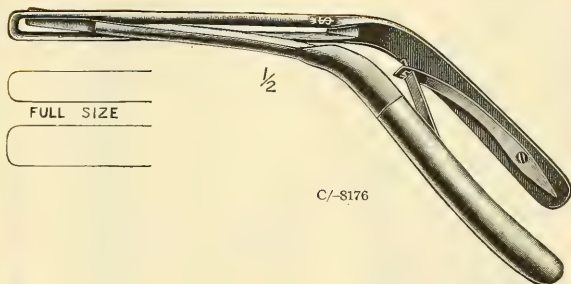
	Each		Each
C/-8159 Fig. 87L, Myles' Tonsil Punch, oblong shape, curved to side, left.....	\$ 7.50	C/-8159 Fig. 98, Instrument for loosening and removing Michel's suture clamps, lateral position.....	\$ 8.00
C/-8159 Fig. 89, Myles' Tonsil Punch, oval shape.....	6.50	C/-8159 Fig. 101, Instrument for applying Michel's suture clamps to the tonsils to stop bleeding, antero-posterior position.....	8.00
C/-8159 Fig. 93, Struycken's Tonsil Punch, round shape.....	6.50	C/-8159 Fig. 103, Instrument for loosening and removing Michel's suture clamps, antero-posterior position.....	8.00
C/-8159 Fig. 95R, 95L, Roberts' Tonsil Punch, lateral cutting, right or left.....	9.00	C/-8159 Fig. 108, Faraci's Gouging Forceps, for the outer wall of the recessus epitympanicus, small size.....	5.75
C/-8159 Fig. 96, Roberts' Tonsil Punch, antero-posterior cutting.....	9.00	C/-8159 Fig. 109, Faraci's Gouging Forceps, for the outer wall of the recessus epitympanicus, large size.....	5.75
C/-8159 Fig. 97, Instrument for applying Michel's suture clamps to the tonsils to stop bleeding, lateral position.....	8.00		



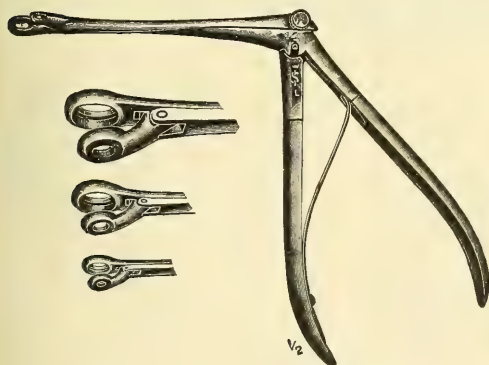
C/-8163



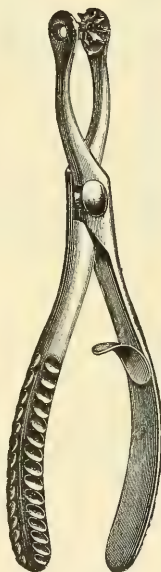
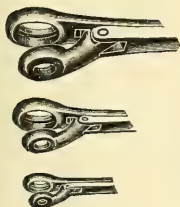
C/-8169



C/-8176



C/-8177-78



C/-8178



C/-8205

### Septum Punches

	Each
C/-8163 Asch's Scissors, straight .....	\$ 4.00
C/-8169 Asch's Scissors, angular .....	4.25
C/-8176 Foster-Ballenger's, 2 sizes .....	8.00
C/-8177 Freer-Gruenwald's, right, 3 sizes .....	8.50
C/-8178 Freer-Gruenwald's, left, 3 sizes .....	8.50
C/-8187 Jarvis' .....	5.00
C/-8205 Roberts', with ratchet .....	7.00



C/-8223



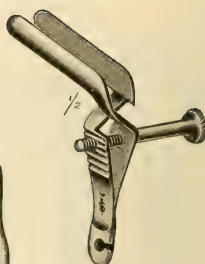
C/-8235



C/-8247



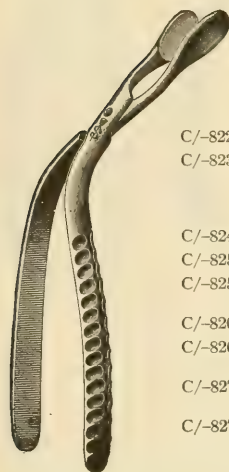
C/-8253



C/-8268



C/-8270



C/-8266

## Septum Punches

(Continued)

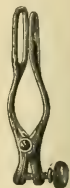
		Each
C/-8223	Sajous', with 6 assorted punches.....	\$8.75
C/-8235	Steele's.....	4.50

## Rhinoplastos

C/-8247	Asch's Septum Compression Forceps.....	2.50
C/-8253	Adams'.....	2.25
C/-8258	Beck's Clamp, for use after submucous septum operation.....	1.75
C/-8265	Bosworth's Septum Clamp, with screw.....	1.25
C/-8266	Bosworth's Septum Clamp, with forceps handles.....	3.00
C/-8270	Bruenings' Clamp, for use after submucous septum operation, 3 sizes.....	.85
C/-8273	Collin's Septum Clamp.....	2.50

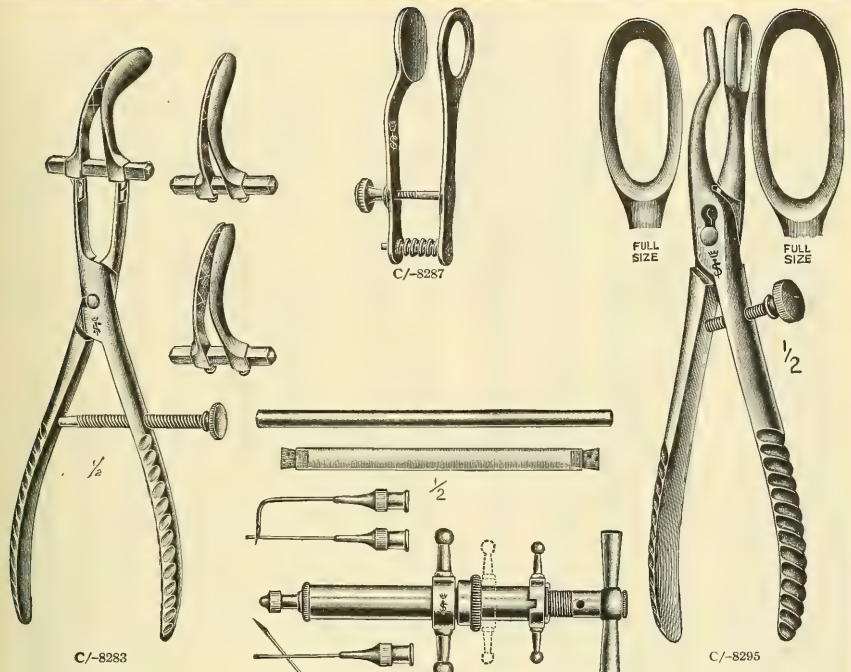


C/-8265



C/-8273





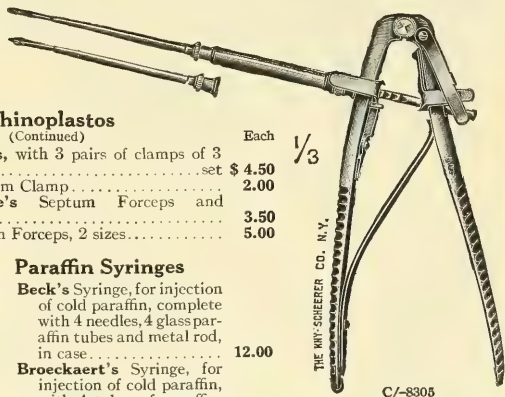
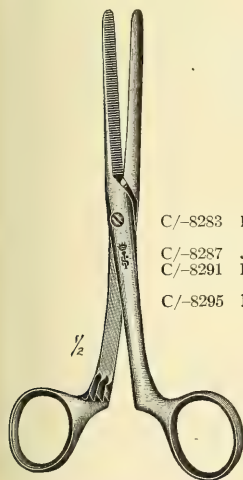
### Rhinoplastos

(Continued)

	Each
C/-8283 Delstanche's, with 3 pairs of clamps of 3 sizes . . . . . set	\$ 4.50
C/-8287 Jarvis' Septum Clamp . . . . .	2.00
C/-8291 MacWhinnie's Septum Forceps and Elevator . . . . .	3.50
C/-8295 Roe's Septum Forceps, 2 sizes . . . . .	5.00

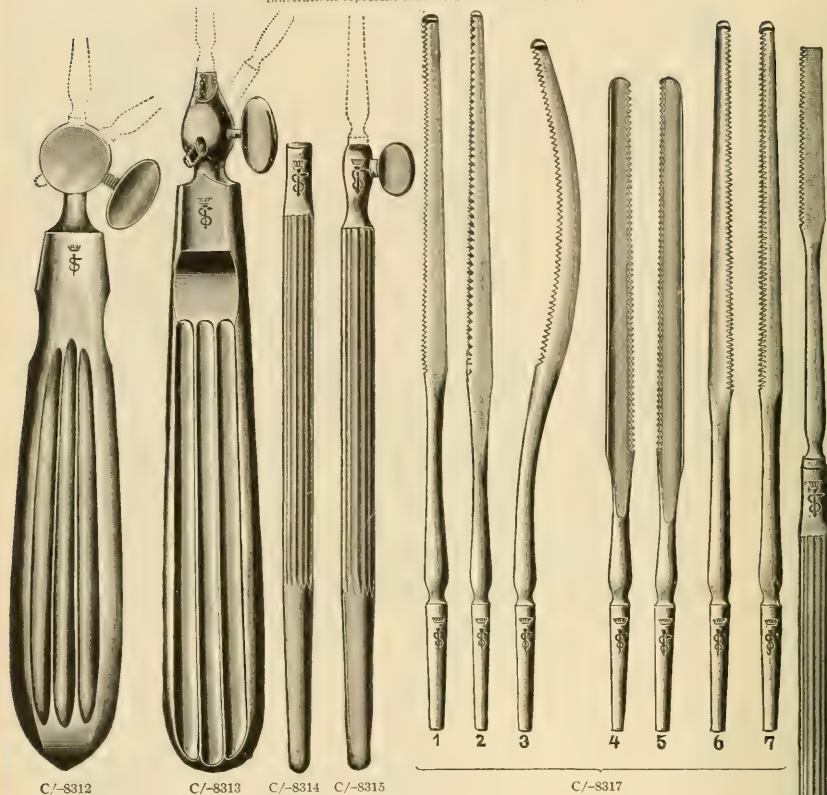
### Paraffin Syringes

C/-8303 Beck's Syringe, for injection of cold paraffin, complete with 4 needles, 4 glass paraffin tubes and metal rod, in case . . . . .	12.00
C/-8305 Broeckaert's Syringe, for injection of cold paraffin, with 4 tubes of paraffin, in oak case . . . . .	18.00



THE W. H. SCHREIER CO. N. Y.

Illustrations represent the instruments in actual size.



### Universal Nasal Instruments

	Each
C/-8312 Universal Handle, large pattern, for holding instruments in either straight or angular position.....	\$ 1.50
C/-8313 Universal Handle, regular pattern, for holding instruments in either straight or angular position.....	1.25
C/-8314 Plain Handle, without set screw.....	.35
C/-8315 Plain Handle, with set screw.....	.75
C/-8317 Universal Blades, fitting above handles, Fig. 1 to 7.....	.75

The Nasal Instruments shown on this and the following pages have a shank of the same size, to fit the Universal Handles C/-8312 to C/-8315. As will be seen by reference to the illustrations, they comprise a very complete assortment of blades, affording a wide range of patterns from which to make a selection.

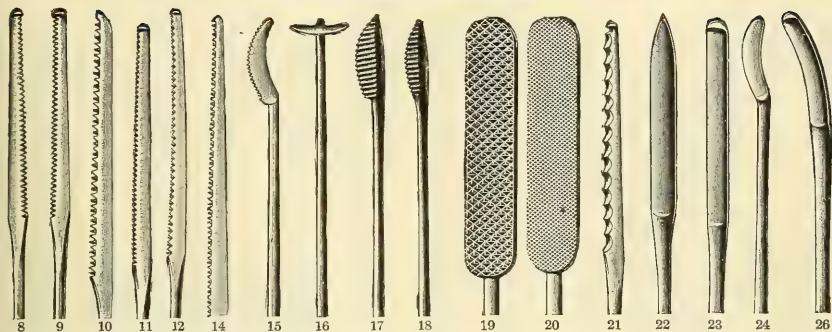
Any of the blades can also be furnished with fixed handles (see illustration) at an additional cost of 35 cents each. In ordering specify "with stationary handle," if so desired.

For Universal Ear Instruments, see page 3073.

For Universal Tonsil Instruments, see pages 3206-3208.

Showing  
Instrument  
with  
stationary  
handle.

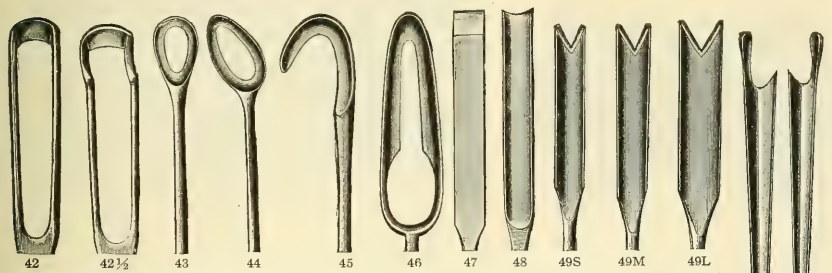
Illustrations represent the instruments in actual size.



C/-8317



C/-8317



C/-8317

### Universal Nasal Instruments

C/-8317 Universal Blades, fitting Handles C/-8312 to C/-8315

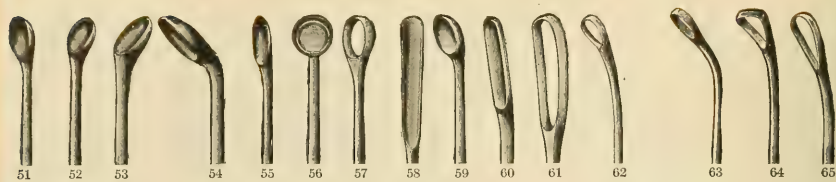
Fig. 8, 9, 10, 11, 12, 14, 15, 16, 19, 20, 22, 23, 33, 34, 37, 38, 40, 47, 48.....	Each \$ .75
Fig. 17, 18, 21, 24, 26, 27, 28, 29, 30, 31, 32, 35, 36, 49, 50.....	.90
Fig. 41, 42, 42½, 43, 44, 45, 46.....	1.75

Any of the above instruments may also be obtained with *stationary* handle at an additional cost of 35 cents each.

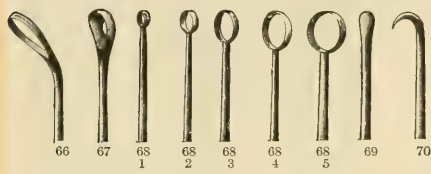


C/-8317

Illustrations represent the instruments in actual size.



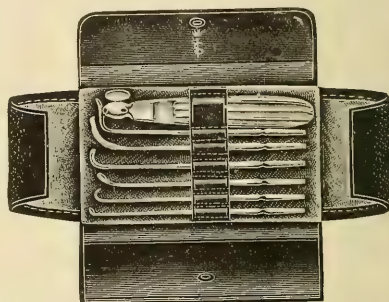
C/-8317



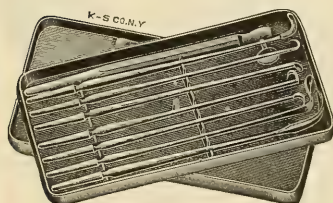
C/-8317



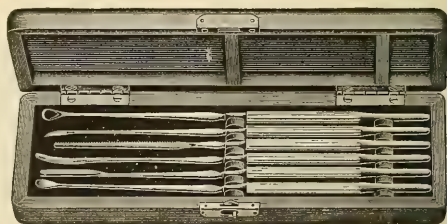
C/-8317



C/-8318-19



C/-8321

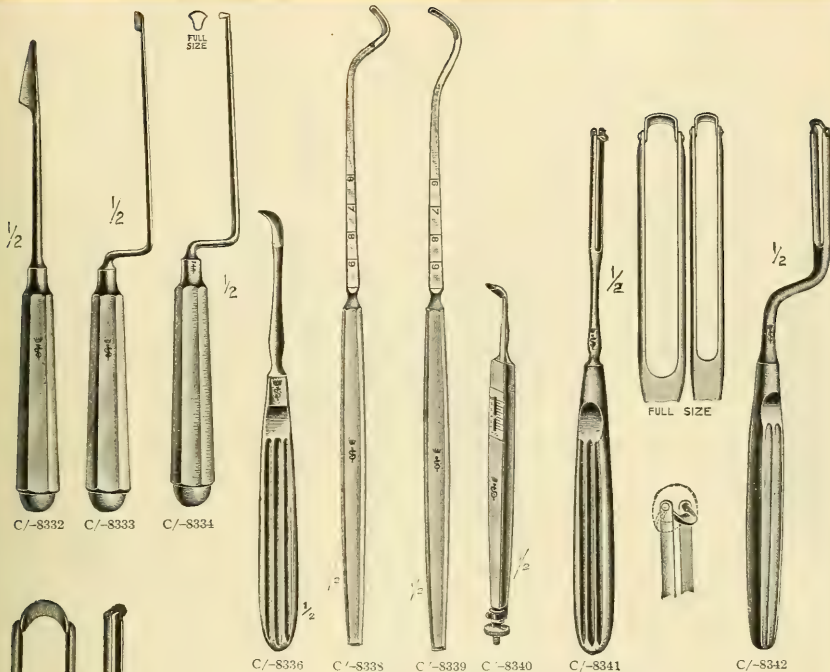


C/-8323-24

### Universal Nasal Instruments

C/-8317	Universal Blades fitting Handles C/-8312 to C/-8315	Each
	Fig. 55, 56, 57, 58, 59, 60, 68, 69, 70, 71, 72	\$ .75
	Fig. 62, 63, 64, 65, 66, 67	.90
	Fig. 51, 52, 53, 54, 61, 73, 74, 75, 76	1.00
	Any of the above instruments may also be obtained with <i>stationary</i> handle, at an additional cost of 35 cents each.	
C/-8318	Set consisting of 1 Universal Handle C/-8313 and a selection of 6 Blades C/-8317, in fine folding leather case, complete	8.00
	Empty case	1.25
C/-8319	Set consisting of 2 Universal Handles C/-8313 and a selection of 12 Blades C/-8317, in fine folding leather case, complete	12.00
	Empty case	1.50
C/-8321	Set consisting of 1 Universal Handle C/-8315 and a selection of 7 Blades C/-8317, in fine metal case, complete	8.75
	Empty case	1.50
C/-8323	Set of 6 Nasal Instruments C/-8317, each with <i>stationary</i> handle, in fine polished wood case	8.00
C/-8324	Set of 12 Nasal Instruments C/-8317, each with <i>stationary</i> handle, in fine polished wood case	14.50

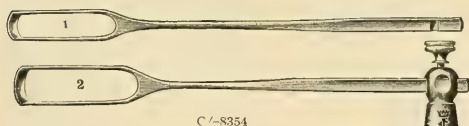
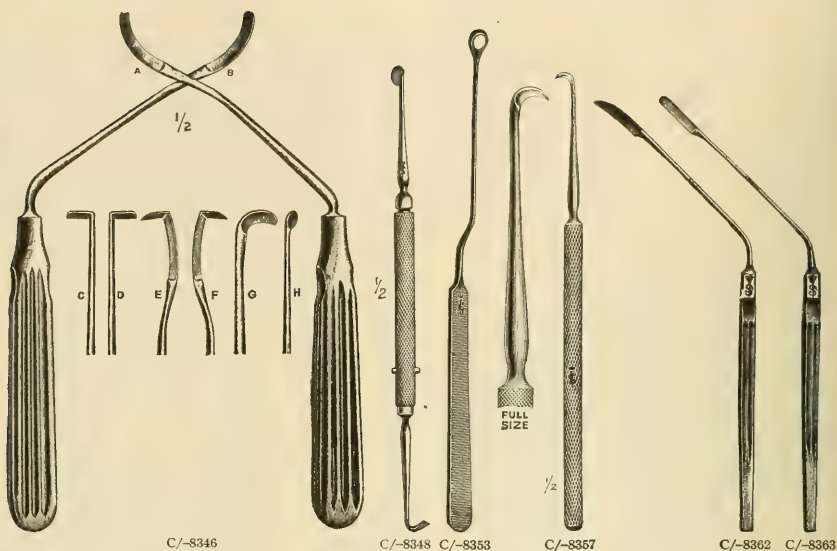




### Knives

	Each
C -8332 Abraham's, septum, large.....	\$ 1.75
C/-8333 Abraham's, bayonet shank, straight blade.....	2.50
C/-8334 Abraham's, bayonet shank, small round blade.....	2.50
C/-8336 Allen's, septum.....	1.50
C/-8338 Andrews', ethmoid.....	2.00
C/-8339 Andrews', sphenoid.....	2.00
C/-8340 Avery's Septatome.....	7.50
C/-8341 Ballenger's Swivel Septum Knife, 2 sizes.....	2.50
C/-8342 Ballenger's Swivel Septum Knife, bayonet-shaped shank, 2 sizes.....	2.50
C/-8344 Ballenger's Swivel Knife, extra large, for turbinates.....	3.00
C/-8345 Ballenger's Mucosa and Cartilage Knife.....	1.50

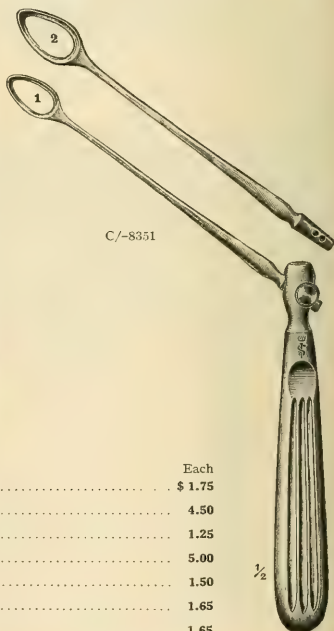


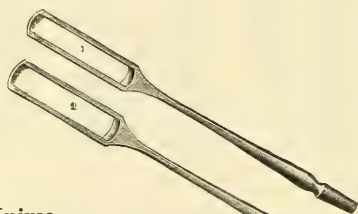
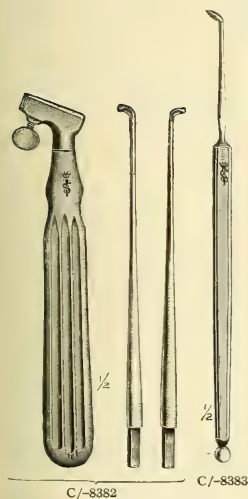
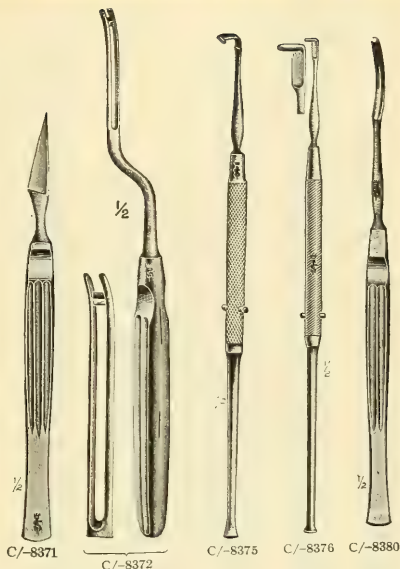
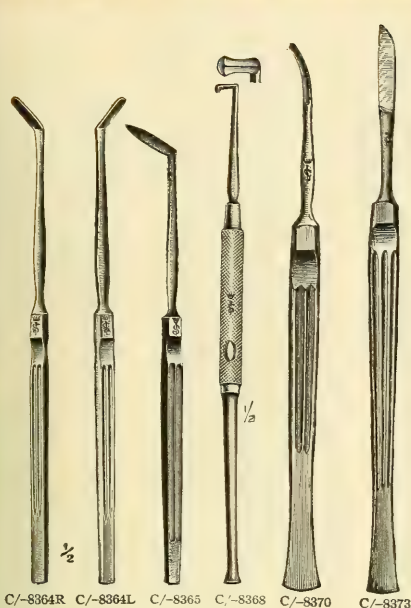


## Knives

(Continued)

	Each	
C/-8346 <b>Ballenger's</b> Ethmo-turbinate Instruments:		
Fig. A and B, <b>Ballenger's</b> Turbinate Knives, right or left.....	\$ 2.50	
Fig. C and D, <b>Ballenger's</b> Ethmo-cribiform Plate Knives, right or left.....	2.25	
Fig. E and F, <b>Ballenger's</b> Ethmo-turbinate Knives, right or left.....	2.50	
Fig. G, <b>Ballenger-Killian's</b> Exostosis Knife.....	2.50	
Fig. H, <b>Ballenger's</b> Ethmoid Curette, straight handle (C/-7111).....	2.00	
C/-8348 <b>Beck's</b> Septum Knife and Hoe.....	\$ 1.75	
C/-8351 <b>Berens'</b> Spoke Shave, 2 sizes in one handle.....	4.50	
C/-8353 <b>Chappell's</b> Septum Knife.....	1.25	
C/-8354 <b>Carmalt-Jones'</b> Spoke Shave, 2 sizes in one handle.....	5.00	
C/-8357 <b>Dean's</b> Turbinate Knife, right and left.....	1.50	
C/-8362 <b>Flatau's</b> Septum Knife, sharp-pointed.....	1.65	
C/-8363 <b>Flatau's</b> Septum Knife, probe-pointed.....	1.65	



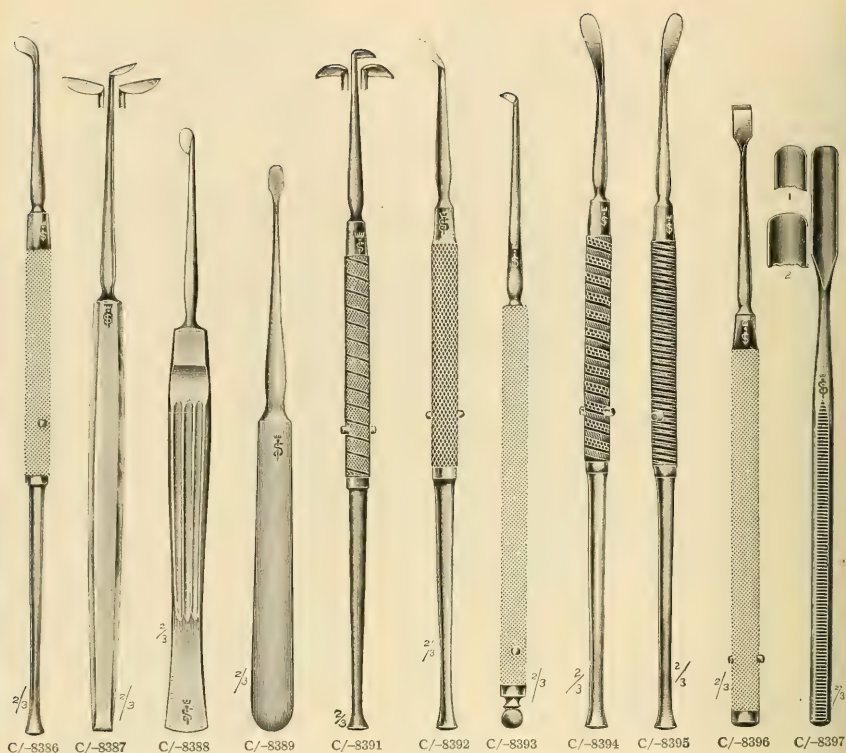


## Knives

(Continued)

	Each
C/-8364 Hajek's, right and left.....	\$ 1.65
C/-8365 Hajek's, double-edged.....	1.75
C/-8368 Head's Submucous Knife, double-edged, blunt point.....	2.00
C/-8370 Heymann's.....	1.50
C/-8371 Ingals'.....	1.50
C/-8372 Killian's.....	2.25
C/-8373 Krieg's.....	1.50
C/-8375 Metzenbaum's Submucous, right or left.....	2.00
C/-8376 Murray's Septum Knife.....	1.50
C/-8377 Nichols' Spoke Shave, 2 blades, with 1 handle.....	4.00
C/-8380 Seiler's, double-edged.....	1.50
C/-8382 Sluder's Turbinate Knife, set of 2, right and left, with 1 handle.....	4.25
Single Knives.....	1.50
Handle only.....	1.50
C/-8383 Yankauer's Mucous Membrane Knife, angular.....	2.00



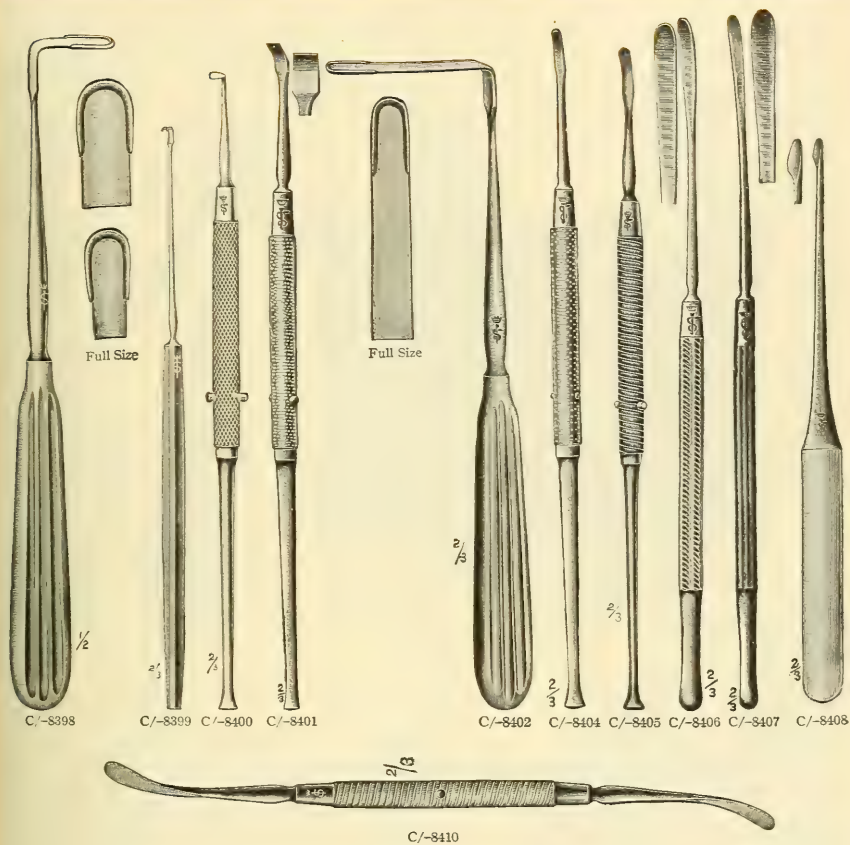


### Instruments for the Submucous Resection of Deflections of the Nasal Septum

Devised by Otto T. Freer, Chicago, Ill.

	Each
C/-8386 <b>Freer's</b> Round-bladed Knife . . . . .	\$ 1.50
C/-8387 <b>Freer's</b> Angular Knife, right and left . . . . .	1.50
C/-8388 <b>Freer's</b> Half Round-bladed Straight Knife . . . . .	1.50
C/-8389 <b>Freer's</b> Flat Round-bladed Knife . . . . .	1.50
C/-8391 <b>Freer's</b> Angular Knife, small, right and left . . . . .	1.50
C/-8392 <b>Freer's</b> Angular Round-bladed Knife . . . . .	1.50
C/-8393 <b>Freer-Ingals'</b> Submucous Knife . . . . .	1.50
C/-8394 <b>Freer's</b> Dull-edged Elevator . . . . .	1.25
C/-8395 <b>Freer's</b> Sharp-edged Elevator . . . . .	1.25
C/-8396 <b>Freer's</b> Bone Chisel, $\frac{1}{8}$ inch wide . . . . .	1.25
C/-8397 <b>Freer's</b> Bone Gouge, 2 sizes, $\frac{1}{8}$ and $\frac{1}{4}$ inch wide . . . . .	1.00





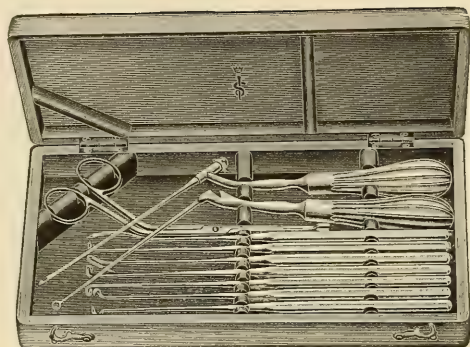
### Dr. Otto T. Freer's Septum Instruments

(Continued)

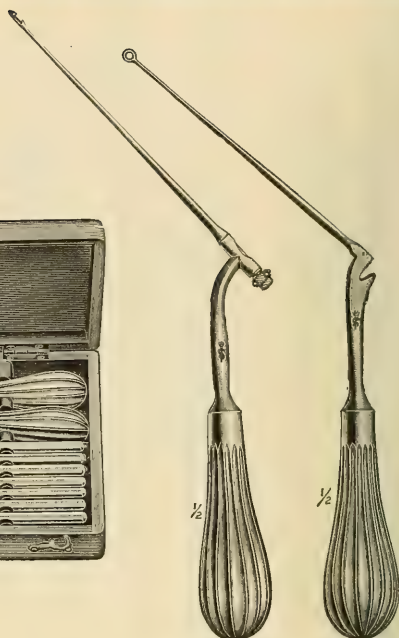
	Each
C/-8398 <b>Freer's</b> Nostril Retractors, reinforced edge, 2 sizes.....	\$ 1.50
C/-8399 <b>Freer's</b> Double-pronged Tenaculum.....	1.25
C/-8400 <b>Freer's</b> Hoe-shaped Spatula.....	1.50
C/-8401 <b>Freer's</b> Periosteotome.....	1.25
C/-8402 <b>Freer's</b> Submucous Retractor, reinforced edge.....	1.65
C/-8404 <b>Freer's</b> Elevator, new pattern, short, dull-edged.....	1.25
C/-8405 <b>Freer's</b> Elevator, new pattern, short, sharp-edged.....	1.25
C/-8406 <b>Freer's</b> Elevator, new pattern, long, dull-edged.....	1.25
C/-8407 <b>Freer's</b> Elevator, new pattern, long, sharp-edged.....	1.25
C/-8408 <b>Freer's</b> Mucous Membrane Knife, new pattern.....	1.50
C/-8410 <b>Freer's</b> Elevator, sharp and blunt, in one handle.....	1.50



C/-8413

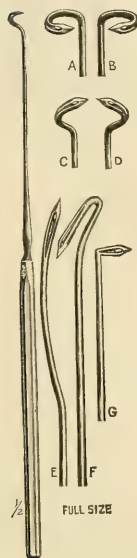


C/-8415



C/-8416

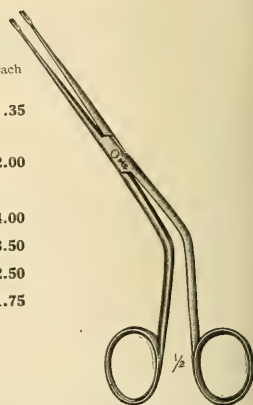
C/-8417



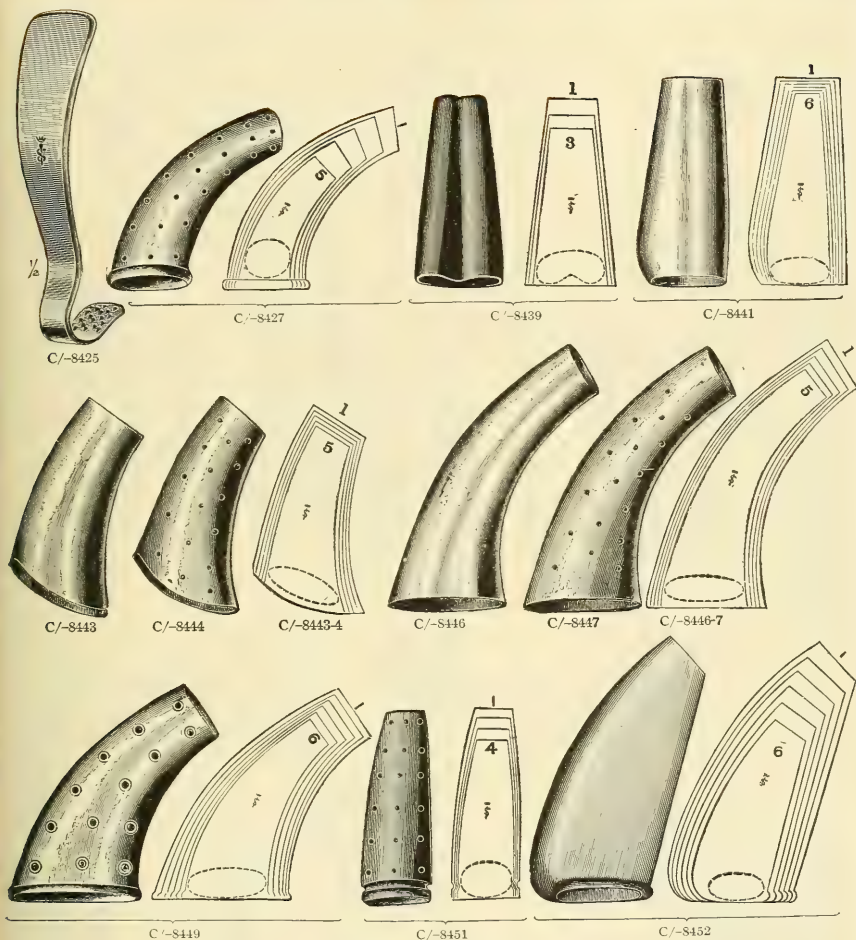
C/-8421

### Needles and Intranasal Suturing Instruments

	Each
C/-8413 <b>Jarvis' Transfixion Needles</b> , straight, half-curved and full-curved.....	\$ .35
C/-8415 <b>Yankauer's Intranasal Suturing Set</b> , complete, in wood case.....	22.00
The Set contains the following:	
C/-8416 <b>Yankauer's Suture Hook</b> .....	4.00
C/-8417 <b>Yankauer's Knot Tightener</b> .....	3.50
C/-8418 <b>Yankauer's Crutch Forceps</b> .....	2.50
C/-8421 <b>Yankauer's Suture Needles</b> , 7 patterns	1.75
A and B. Full-curved, right and left.	
C and D. Half-curved, right and left.	
E. Curved on flat.	
F. Back-curved.	
G. Rectangular.	

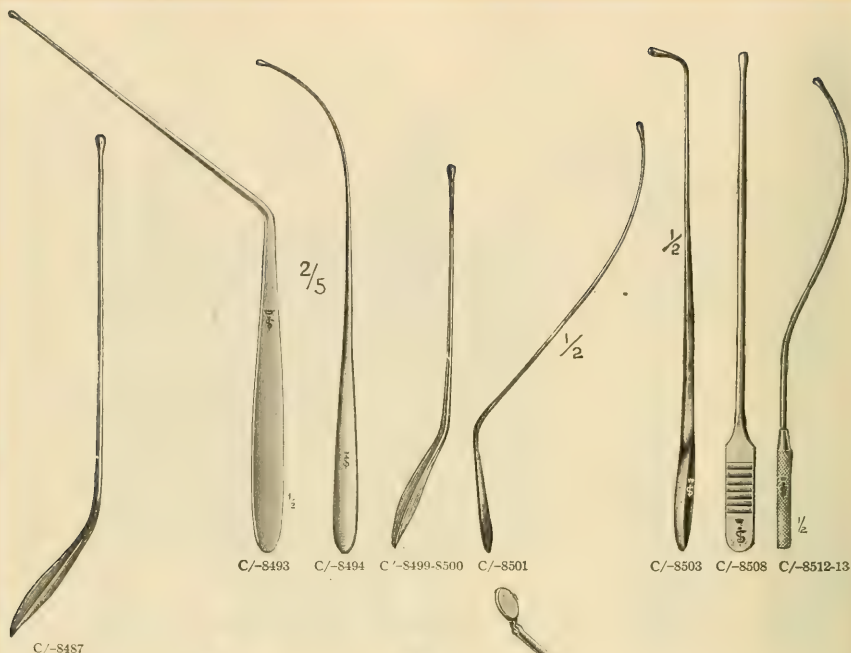


C/-8418



### Septum Splints

	Each		Each
C/-8425 Andrews' Nasal Splint.....	\$ .65	C/-8446 Kyle's Septum Splints, extra long, metal, not perforated, 5 sizes.....	\$ .60
C/-8427 Asch's Septum Splints, hard rubber, 5 sizes.....	.50	C/-8447 Kyle's Septum Splints, extra long, metal, perforated, 5 sizes.....	.60
C/-8439 Douglas' Septum Splints, hard rubber, 3 sizes.....	.85	C/-8449 Mayer's Septum Splints, hard rubber, 6 sizes.....	.50
C/-8441 Farrell's Septum Splints, metal, 6 sizes.....	.60	C/-8451 McKernon's Septum Splints, hard rubber, 4 sizes.....	.85
C/-8443 Kyle's Septum Splints, metal, not perforated, 5 sizes.....	.50	C/-8452 McKernon's Septum Splints, hard rubber, improved pattern, 6 sizes..	.90
C/-8444 Kyle's Septum Splints, metal, perforated, 5 sizes.....	.50		

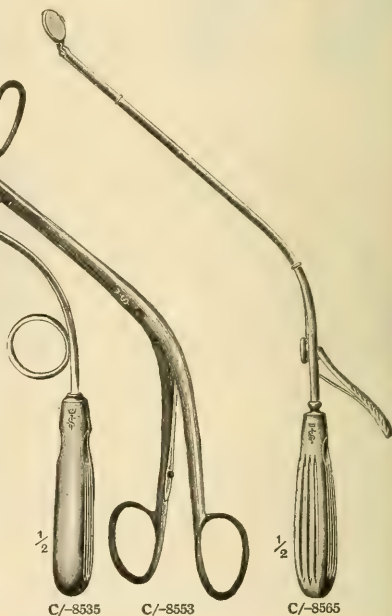


### Probes

	Each
C/-8487 Bresgen's.....	\$ .50
C/-8493 Fraenkel's, angular.....	.35
C/-8494 Fraenkel's, curved.....	.50
C/-8499 Hartmann's, plated.....	.50
C/-8500 Hartmann's, silver.....	1.50
C/-8501 Killian's, frontal sinus, silver.....	1.25
C/-8503 Killian's, antrum, plated, right and left.....	.75
C/-8508 Plain, straight, with handle.....	.50
C/-8512 Thompson's, frontal sinus, silver.....	1.00
C/-8513 Thompson's, frontal sinus, tempered steel.....	.75

### Rhinoscopes

C/-8535 Plain Rhinoscopic Mirror, 3 sizes.....	1.25
C/-8553 Duplay's.....	5.00
C/-8565 Michel's.....	4.00

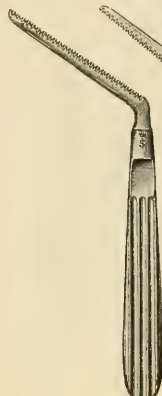








C/-8653



C/-8661



C/-8667



C/-8673

1/2



C/-8659



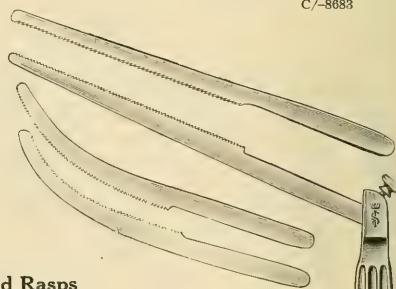
C/-8679



C/-8683



C/-8650



## Saws and Rasps

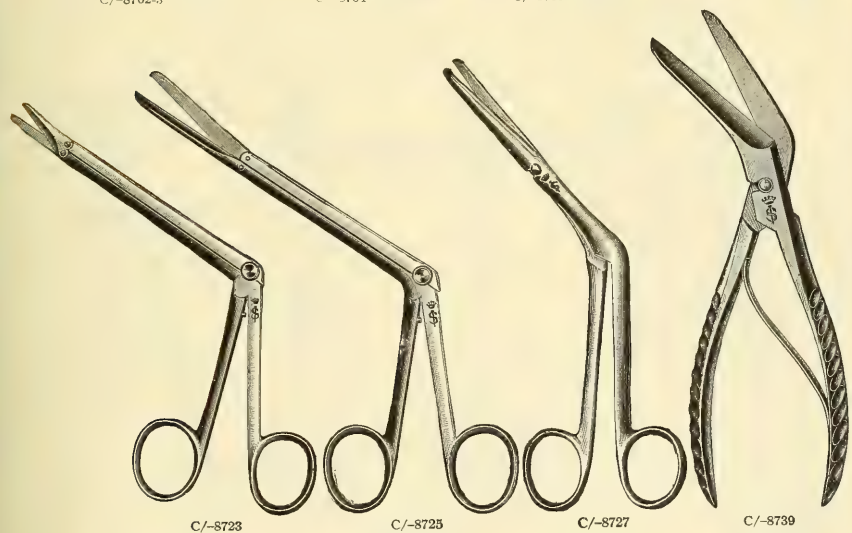
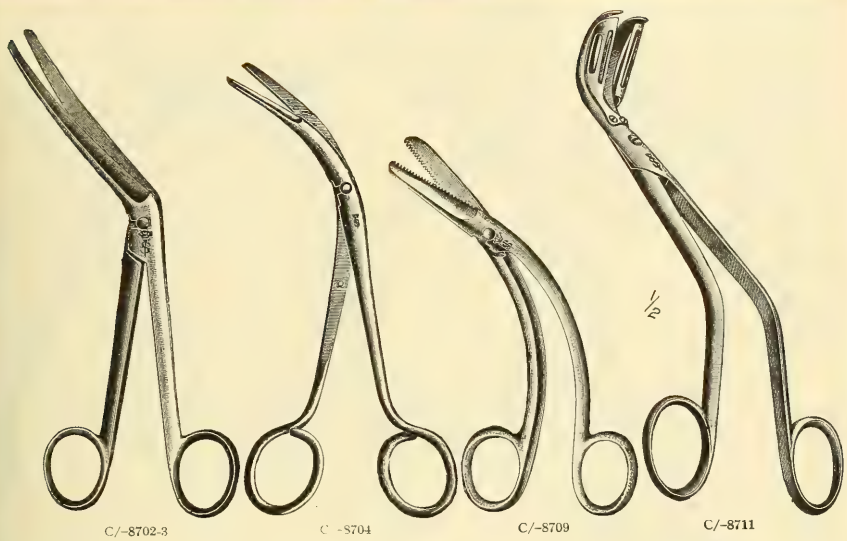
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	Each
C/-8650 Good's Frontal Sinus Rasp, right or left.....	\$ 2.25
C/-8653 Holmes' Saw, very thin and flexible.....	1.50
C/-8659 McAuliffe's Saw, oblique edge, set of 2 right and left.....	2.50
C/-8661 Sajous' Saw, angular, cutting up.....	1.25
C/-8667 Sajous' Saw, angular, cutting down.....	1.25
C/-8673 Sajous' Saw, straight.....	1.25
C/-8679 Schoetz's Saw, adjustable.....	2.50
C/-8683 Vail's Antrum Saw, right or left.....	2.25
C/-8685 Webster's Saw, set of 4 blades and one handle.....	5.00

1/2

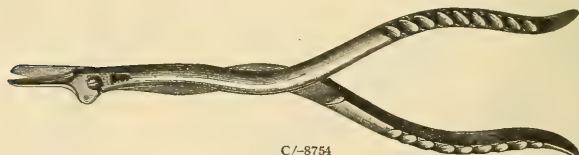
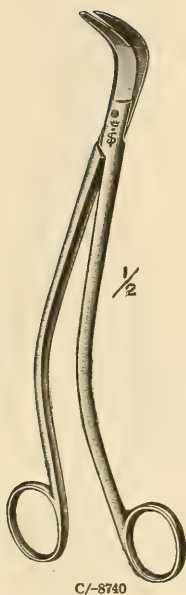
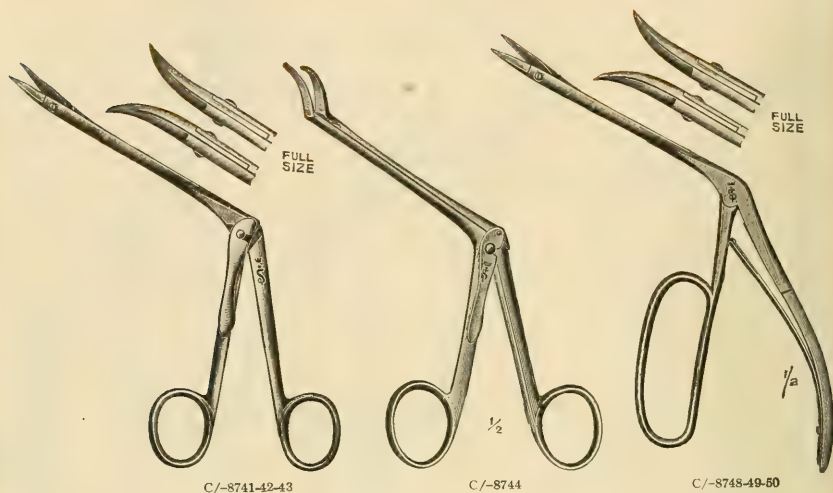


C/-8685



**Scissors**

	Each		Each
C/-8702 Beckmann's, upper turbinates, with saw edge..	\$ 2.25	C/-8723 Gruenwald's, alligator action .....	\$ 6.50
C/-8703 Beckmann's, upper turbinates, plain edge.....	2.00	C/-8725 Hartmann's, alligator action .....	6.50
C/-8704 Beckmann's, middle turbinates .....	2.50	C/-8727 Heymann's.....	1.75
C/-8709 Casselberry's, saw edge.....	2.00	C/-8739 Herzfeld's.....	2.25
C/-8711 Denker's Adenoid Scissors.....	10.00		

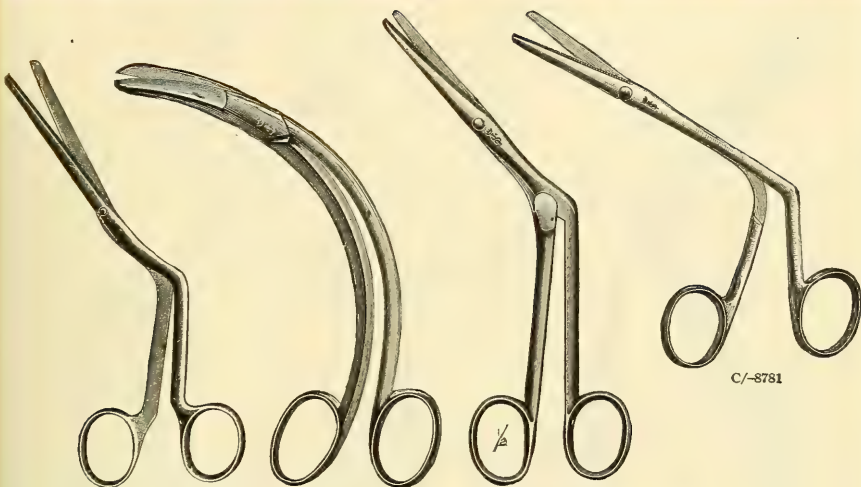


## Scissors

(Continued)

	Each
C/-8740 <b>Holmes'</b> , post nasal, for removing shreds after adenoid operation with curette.....	\$ 4.00
C/-8741 <b>Holmes'</b> , original pattern, scissors handle, straight.....	8.25
C/-8742 <b>Holmes'</b> , original pattern, scissors handle, curved right.....	8.25
C/-8743 <b>Holmes'</b> , original pattern, scissors handle, curved left.....	8.25
C/-8744 <b>Holmes'</b> , modified by Bulette, curved upward.....	8.25
C/-8748 <b>Holmes'</b> , improved pattern, straight.....	8.25
C/-8749 <b>Holmes'</b> , improved pattern, curved right.....	8.25
C/-8750 <b>Holmes'</b> , improved pattern, curved left.....	8.25
C/-8754 <b>Ingals'</b> Bone Shears.....	4.00



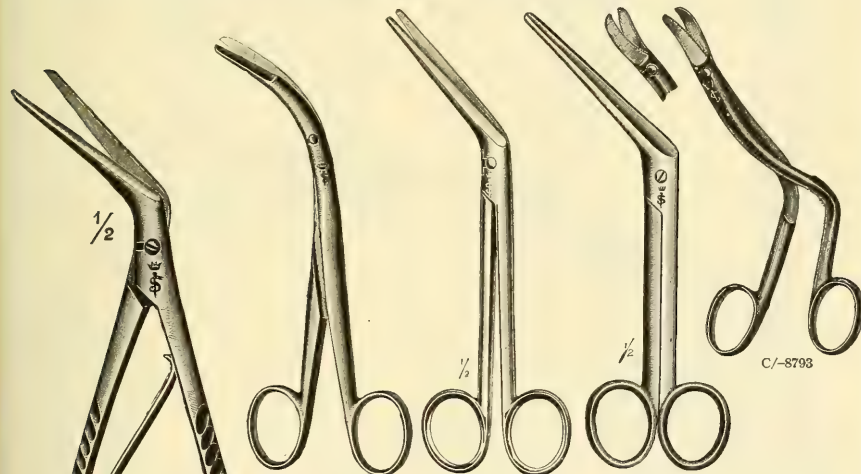


C/-8755

C/-8756

C/-8769

C/-8781



C/-8765-66

C/-8785

C/-8787

C/-8788

C/-8793

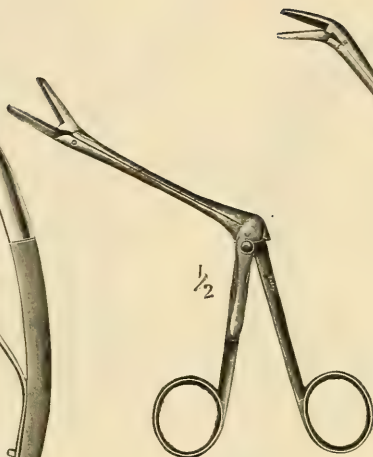
# Scissors

(Continued)

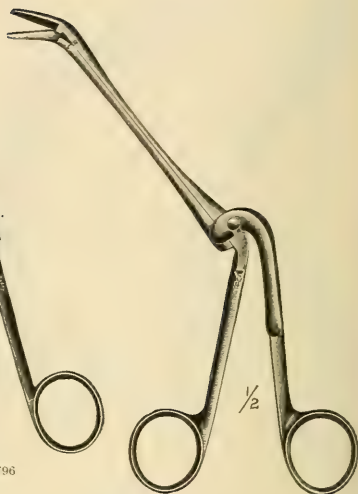
	Each
C/-8755 Ingals', nasal dressing.....	\$ 1.75
C/-8756 Ingals', for turbinates.....	2.50
C/-8765 Jackson's Turbinotome, plain edge.....	3.50
C/-8766 Jackson's Turbinotome, saw edge.....	3.50
C/-8769 Knight's.....	1.75
C/-8781 Potter's, saw edge.....	2.00
C/-8785 Schoetz's, middle turbinate.....	2.50
C/-8787 Seiler's, regular pattern.....	1.75
C/-8788 Seiler's, heavy pattern.....	2.00
C/-8793 Sherwell's, saw edge, right or left.....	2.50



C/-8794



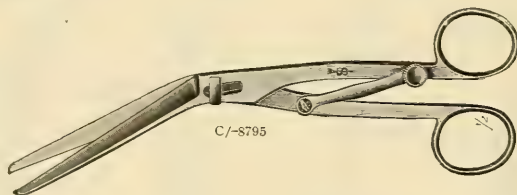
C/-8796



C/-8797



C/-8807



C/-8795



C/-8811

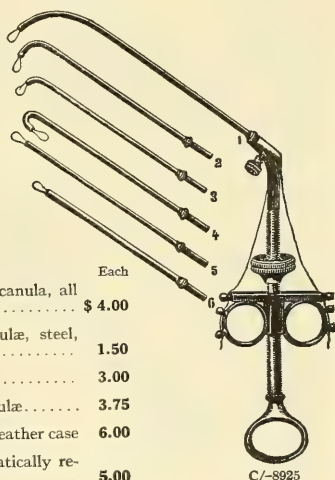
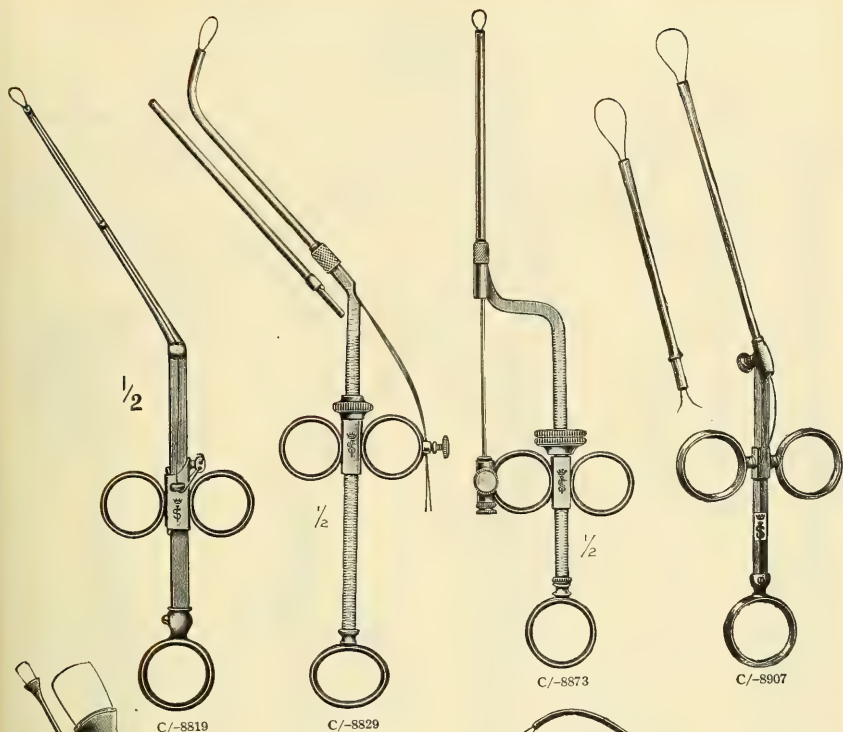
### Scissors

(Continued)

	Each
C/-8794 Thompson's Turbinotome, saw edge.....	\$ 3.00
C/-8795 Vienna Pattern, eccentric sliding action, very powerful.....	3.75
C/-8796 Wm. Watson's, alligator action, saw edge...	8.00
C/-8797 C. M. Watson's, alligator action, for middle turbinates.....	10.00

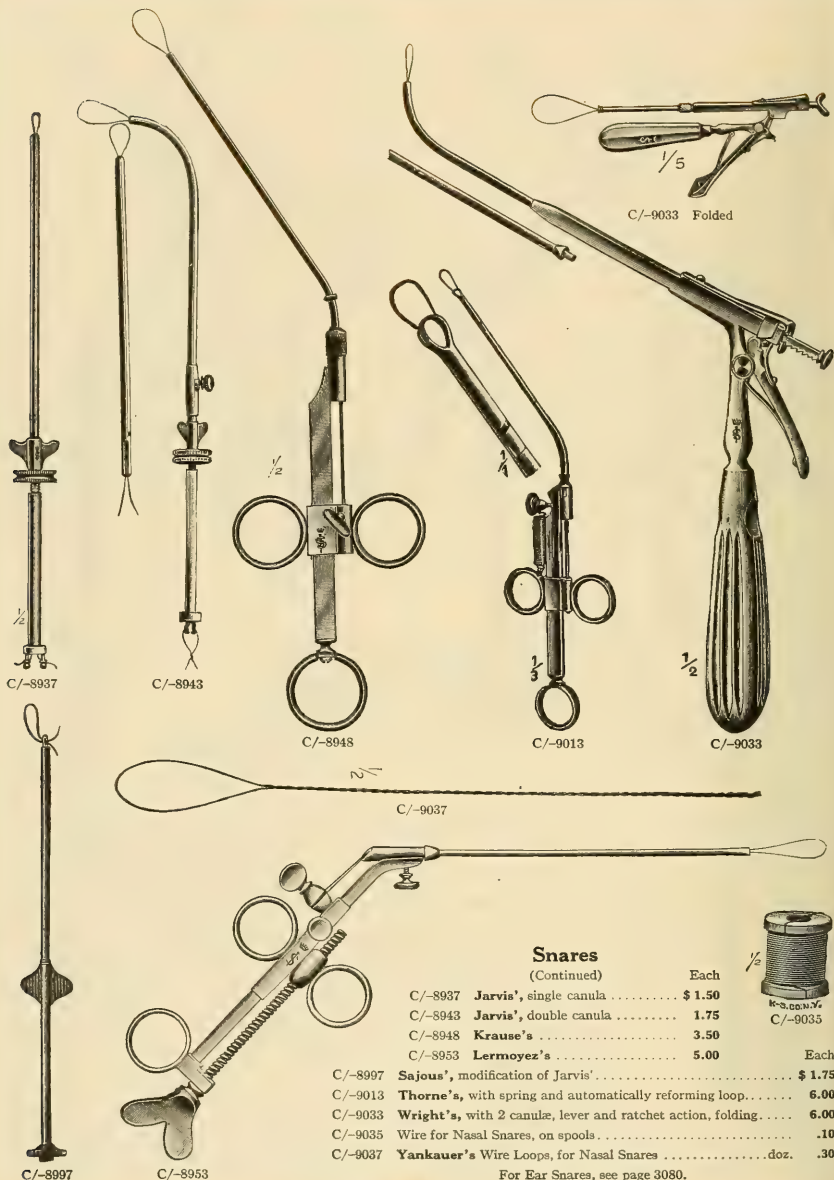
### Septometers

C -8807 Dean's.....	4.50
C/-8811 Seiler's.....	4.75



### Snares

	Each
C/-8819 Badgerow's, with open canula, all steel.....	\$ 4.00
C/-8829 Bosworth's, with 2 canulae, steel, new style .....	1.50
C/-8873 Douglas' .....	3.00
C/-8907 Hartmann's, with 2 canulae.....	3.75
C/-8925 Ingals', with 6 canulae, in leather case	6.00
C/-8933 Jaennicke's, with automatically re-forming loop.....	5.00



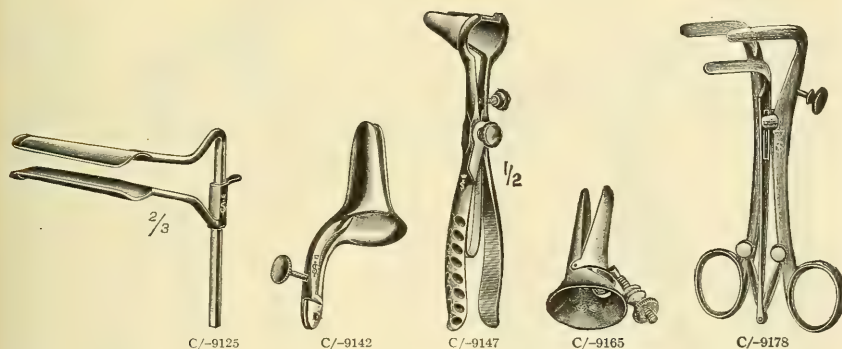
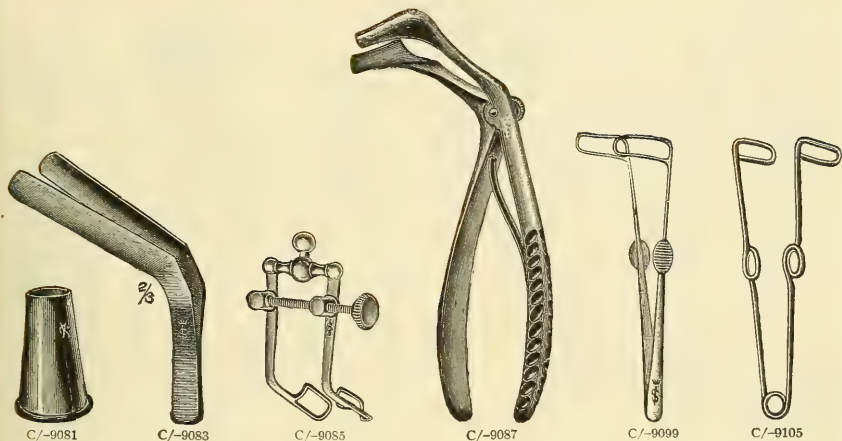
### Snare

(Continued)

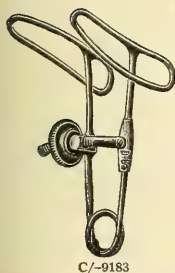
	Each	
C/-8937 Jarvis', single canula .....	\$ 1.50	
C/-8943 Jarvis', double canula .....	1.75	
C/-8948 Krause's .....	3.50	
C/-8953 Lermoyez's .....	5.00	Each
C/-8997 Sejous', modification of Jarvis' .....		\$ 1.75
C/-9013 Thorne's, with spring and automatically reforming loop.....		6.00
C/-9033 Wright's, with 2 canula, lever and ratchet action.....		6.00
C/-9035 Wire for Nasal Snare, on spools .....		.10
C/-9037 Yankauer's Wire Loops, for Nasal Snare .....	doz.	.30

For Ear Snare, see page 3080.

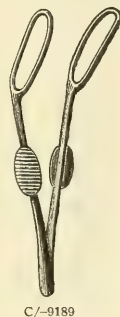


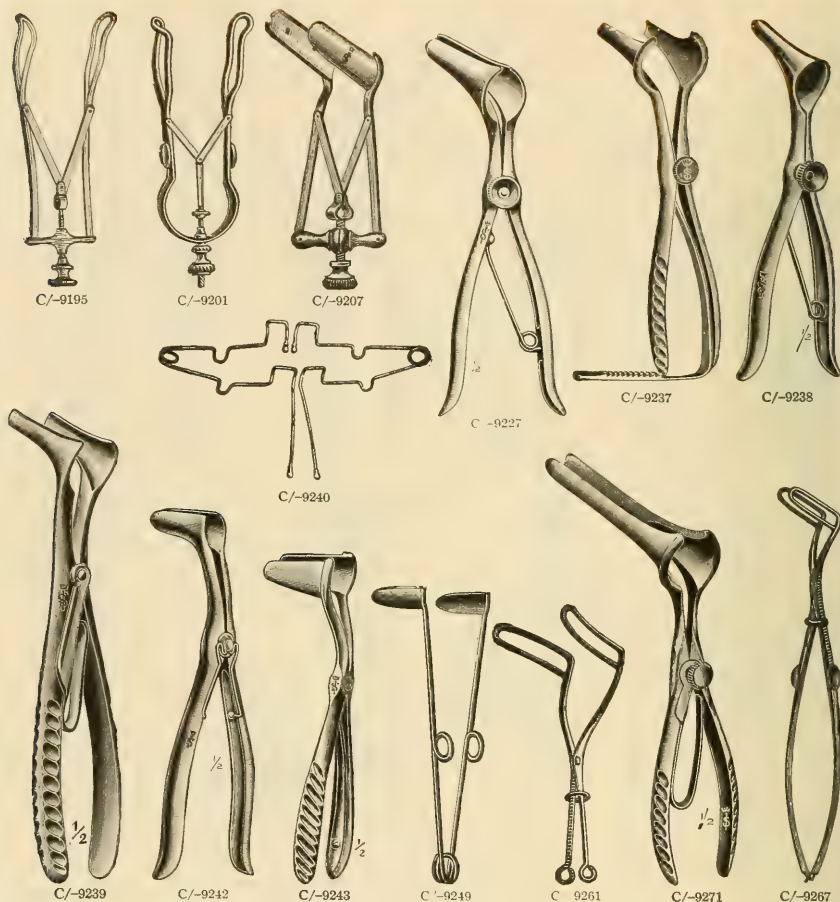


### Specula



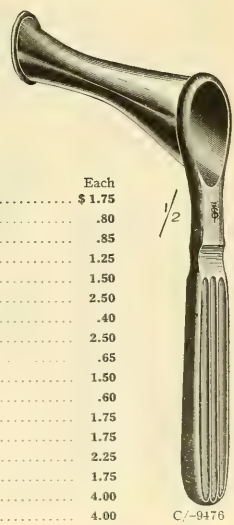
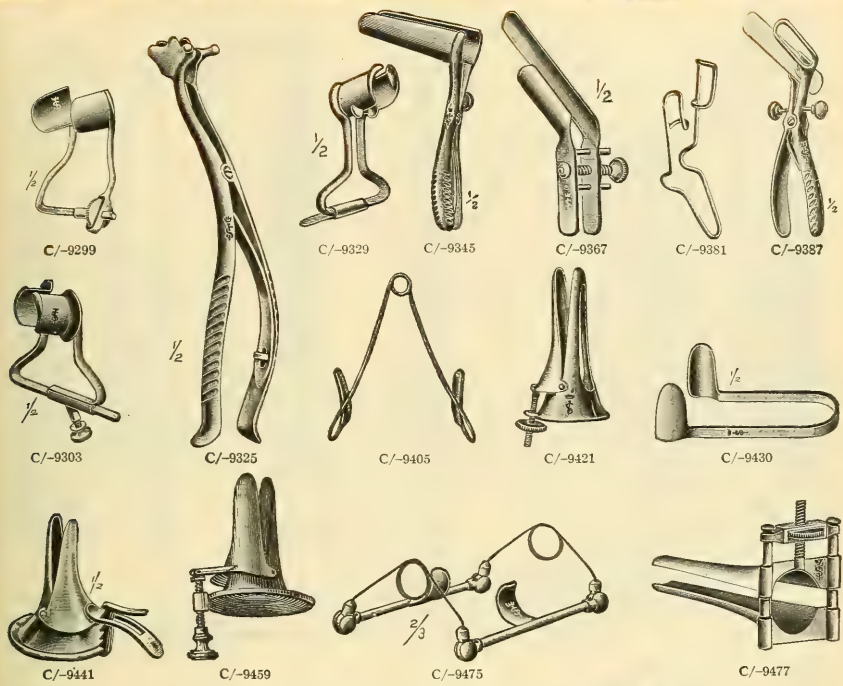
	Each
C/-9081 Allen's, conical, hard rubber, set of 3 sizes....	\$ .70
C/-9083 Ballenger-Foster's, submucous.....	1.00
C/-9085 Beck's, self-retaining, to be attached to head-band on patient's head.....	1.75
C/-9087 Beckmann's, bivalve, steel.....	2.25
C/-9099 Bosworth's, fine, steel.....	.75
C/-9105 Bosworth's, plain, wire.....	.30
C/-9125 Carter's, steel.....	2.25
C/-9142 Collin's.....	1.65
C/-9147 Curtis'.....	2.00
C/-9165 Duplay's.....	1.50
C/-9178 Elsberg's, trivalve, steel.....	6.00
C/-9183 Folsom's.....	1.00
C/-9189 Foerster's.....	.65





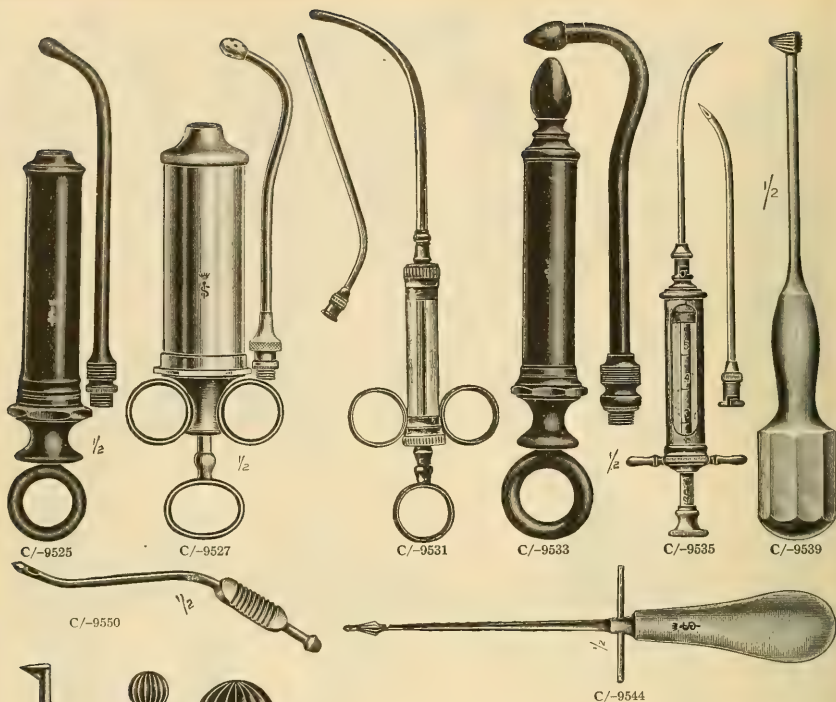
### Specula (Continued)

	Each		Each
C/-9195 Fraenkel's, plain, screw action.....	\$ .90	C/-9240 Heffernan's, right or left.....	\$ .35
C/-9201 Fraenkel's, with spring and set screw	1.15	C/-9242 Ingals', plain, wrought metal.....	.90
C/-9207 Fraenkel's, with ivory lining.....	2.25	C/-9243 Ingals', fine, steel.....	1.75
C/-9227 Greene's.....	1.25	C/-9249 Ivan's.....	.50
C/-9237 Hartmann's, very fine, with ratchet	2.50	C/-9261 Jarvis', plain.....	.30
C/-9238 Hartmann's, plain, wrought metal..	.85	C/-9267 Jarvis', with spring.....	.50
C/-9239 Hartmann's, fine, steel.....	1.75	C/-9271 Killian's, submucous, steel, 3 sizes, blades 2, 3 and 3½ inches long...	2.50



### Specula (Continued)

	Each
C/-9299 Muncaster's	\$ 1.75
C/-9303 Myles'	.80
C/-9325 Pyncheon's, 2 sizes, adult's and child's	.85
C/-9329 Ray's, self-retaining, 2 sizes, adult's and child's	1.25
C/-9345 Roth's, with set screw	1.50
C/-9367 Schmidt's, for cauterizing, right or left	2.50
C/-9381 Seiler's, right or left	.40
C/-9387 Shurley's, with ivory slide, right or left	2.50
C/-9405 Smith's, self-retaining	.65
C/-9421 Terrier's	1.50
C/-9430 Thudichum's, improved pattern, 3 sizes	.60
C/-9441 Turnbull's, with ratchet	1.75
C/-9459 Voltolini's, with set screw	1.75
C/-9472 Voltolini's, steel, with ratchet	2.25
C/-9475 Yankauer's, self-retaining	1.75
C/-9476 Yankauer's, naso-pharyngeal	4.00
C/-9477 Zaufal's, with set screw	4.00

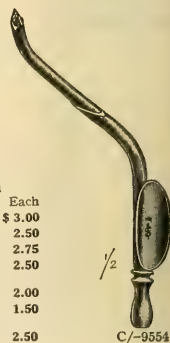
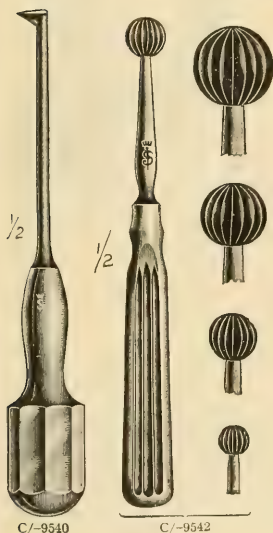


### Syringes

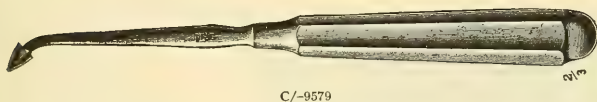
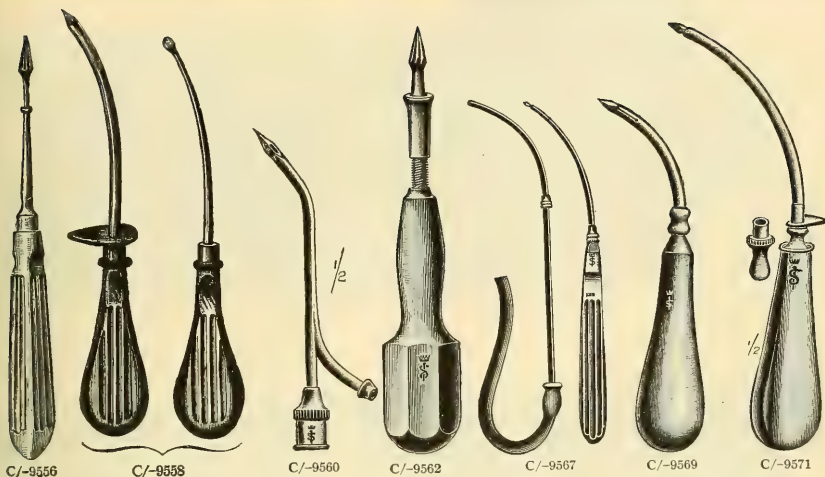
	Each
C/-9525 Plain, post nasal, hard rubber.....	\$ 1.35
C/-9527 Plain, post nasal, all metal, 2 oz....	3.25
C/-9531 <b>Fraenkel's</b> , with 2 canulæ.....	3.00
C/-9533 <b>Leffert's</b> , nasal and post nasal, hard rubber.....	1.75
C/-9535 <b>Schmidt's</b> , for antrum, with 2 needles in case.....	4.00

### Trocars and Perforators, Antrum

	Each
C/-9539 <b>Abraham's</b> Antrum Burr.....	\$ 3.00
C/-9540 <b>Abraham's</b> Antrum Reamer.....	2.50
C/-9542 <b>Ballenger's</b> Antrum Burr, 4 sizes.....	2.75
C/-9544 <b>Boettcher's</b> Antrum Drill.....	2.50
C/-9550 <b>Douglas's</b> Antrum Trocar and Washing Tube, combined.....	2.00
C/-9552 <b>Fein's</b> Needle Trocar.....	1.50
C/-9554 <b>Gallaher's</b> Antrum Trocar, with opening for drainage in trocar point.....	2.50





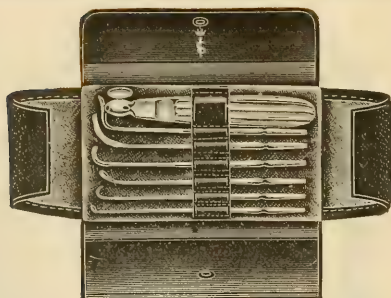


### Trocars and Perforators, Antrum

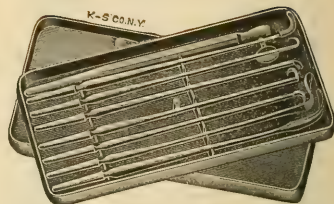
(Continued)

	Each
C/-9556 Hartmann's Antrum Drill.....	\$ 1.50
C/-9558 Jurasz's, with sharp and blunt obturators.....	3.00
C/-9560 Krause's Antrum Trocar and Washing Tube, combined.....	3.50
C/-9562 Lermoyez's Antrum Drill.....	3.50
C/-9564 Mikulicz's Antrum Perforator.....	2.00
C/-9567 Myles', with washing canula.....	2.50
C/-9569 Myles', improved pattern.....	2.50
C/-9571 Pierce's Antrum Trocar, with plug to attach tubing.....	3.00
C/-9575 Schoetz's Antrum Reamer, with guard.....	2.50
C/-9577 Tilley's Antrum Burr, 3 sizes.....	2.75
C/-9579 Wellaminski's Antrum Perforator.....	2.00

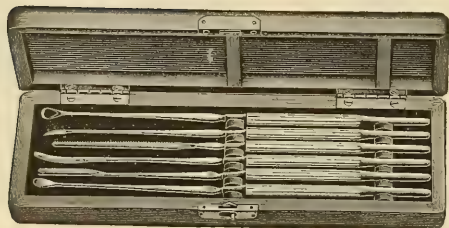




C/-9601-2



C/-9605



C/-9609-10



C/-9621

## Nasal Instrument Sets

Each

C/-9601 Set consisting of 1 Universal Handle C/-8313, and a selection of 6 blades C/-8317, in fine folding leather case, complete..... \$ 8.00  
Empty case..... 1.25

C/-9602 Set consisting of 2 Universal Handles C/-8313, and a selection of 12 blades C/-8317, in fine folding leather case, complete 12.00  
Empty case..... 1.50

C/-9605 Set consisting of 1 Universal Handle C/-8315, and a selection of 7 blades, in fine metal case, complete..... 8.75  
Empty case..... 1.50

C/-9609 Set of 6 Nasal Instruments, C/-8317, each with stationary handle, in fine polished wood case..... 8.00

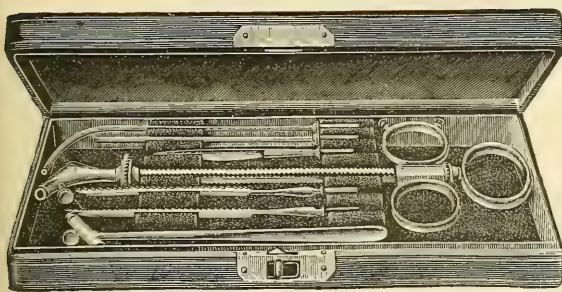
C/-9610 Set of 12 Nasal Instruments C/-8317, each with stationary handle, in fine polished wood case..... 14.50

For illustrations of instruments contained in the above sets, see pages 3140-3142.

C/-9621 **Asch's** Set of Instruments for straightening the nasal septum, in fine leather-covered case, complete..... 16.50

### Contents

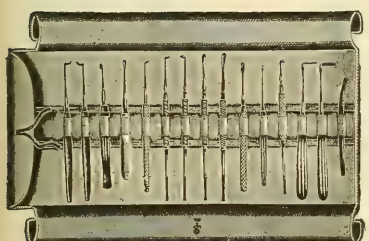
- C/-8163 Asch's Straight Scissors, for making the vertical incision.
- C/-8169 Asch's Angular Scissors, for making the horizontal incision.
- C/-8247 Asch's Compression Forceps, for bringing the incised septum into position and arresting hemorrhage.
- C/-7029 Asch's Gouge, for breaking up adhesions existing between the septum and the turbinated bodies.
- C/-7450 Asch's Elevator, for adjusting the flaps of the incision.
- C/-8427 Asch's Set of 6 Hard Rubber Perforated Splints, for holding the septum in position after the operation.



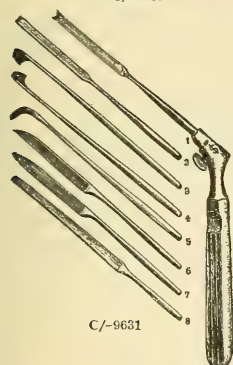
C/-9622



C/-9627



C/-9623



C/-9631

## Nasal Instrument Sets

(Continued)

Each

- C/-9622 **Bosworth's Set of Nasal Instruments, in leather-covered case.....** \$ 7.00

### Contents

- 1 Bosworth's Nasal Snare with straight and curved canula.  
1 Universal Handle.  
1 Knife.  
2 Saws, fine and medium.

- C/-9623 **Freer's Set of Nasal Septum Instruments, in sterilizable white duck roll, complete.....** 20.00

This set comprises only those of Dr. Freer's instruments which he regards as indispensable for the operation, and will be found to include, with the addition of the Freer-Gruenwald forceps, all that are absolutely essential.

### Contents

- C/-8387 Right and left, half round-bladed Angular Knives for vertical incision in mucous membrane when deflection is far back.  
C/-8388 Half round-bladed Straight Knife, for vertical incision in mucous membrane, when deflection is nearer the front, and for first cut in the cartilage.  
C/-8389 Round-bladed Dissecting Knife.  
C/-8391 Right and left, sharp-pointed Angular Cartilage Knives, for cutting through back and upper part of cartilaginous deflection.  
C/-8393 Ingals' Submucous Cartilage Knife.  
C/-8394 Dull-edged Elevator, for uplifting mucosa.  
C/-8395 Sharp-edged Elevator, for dissecting up mucosa in adherent places.  
C/-8396 Chisel.  
C/-8398 Retractors, medium and large, for holding nostril open.  
C/-8399 Fine Double-pronged Tenaculum.  
C/-8400 Hoe-shaped Spatula, for insertion into first cut in cartilage in order to pull the severed posterior edge outward so that the elevator may be passed underneath the cartilage.

For illustrations of individual instruments contained in this set, see pages 3146-3147.

Each

- C/-9627 **Gruenwald's Set of Nasal Instruments, in fine leather-covered case.....** \$12.00

### Contents

- 1 Nasal Probe.  
4 Sharp Curettes, assorted sizes.  
1 Knife.  
1 Post Nasal Curette.  
1 Universal Handle for above.

- C/-9631 **Schoetz's Set of Nasal Instruments, in fine leather-covered case.....** 10.50

### Contents

- 1 Universal Handle.  
5 Assorted Knives.  
1 Chisel.  
1 Gouge.  
1 Saw

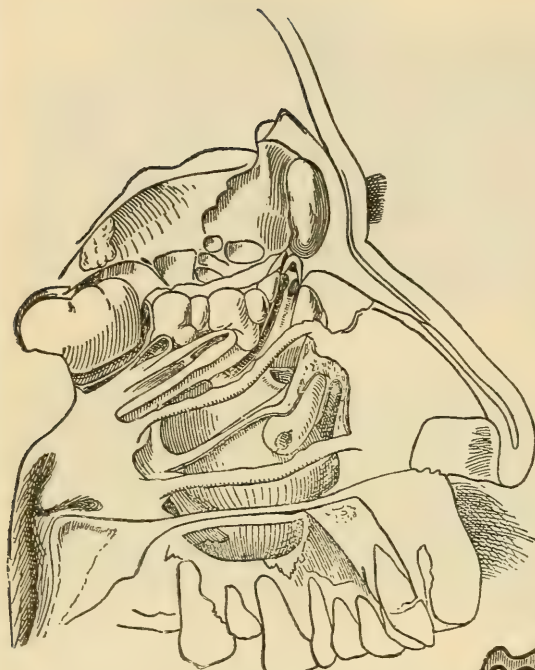


Fig. 55-56 (Right Side)

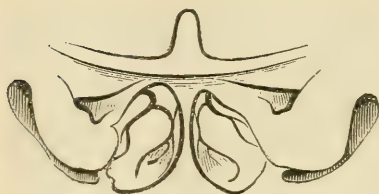


Fig. 65

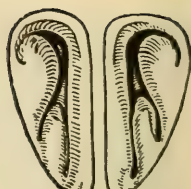


Fig. 75

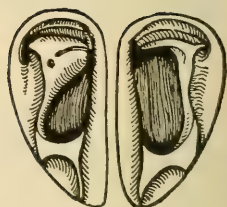


Fig. 80



Fig. 85-86 (Right Side)

## Rubber Stamps

A/-4036 Anatomical Diagrams for Diagnosis and Pathological Records.

	Each		Each
Fig. 55, Superior Maxillary Bone, sectional view, right.....	\$ 2.50	Fig. 75, Nostrils, normal condition.....	\$ .75
Fig. 56, Superior Maxillary Bone, sectional view left.....	2.50	Fig. 80, Nostrils, after cocaine use, right nostril in repose, left during phonation.....	.75
Fig. 65, Nose, Rhinoscopia, posterior.....	.90	Fig. 85, Nasal Passages, sectional view, right...	1.25
		Fig. 86, Nasal Passages, sectional view, left....	1.25

For complete assortment of Rubber Stamps, see catalogue, section A. Illustrations represent actual sizes.

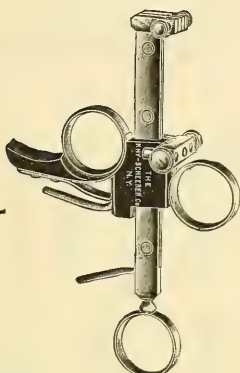




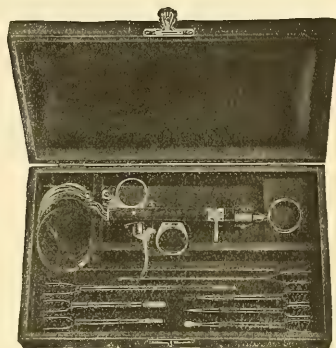
G/-4205



G/-4209



G/-4213



G/-4217

### Cautery Handles

	Each
G/-4205 Cautery Handle, plain, for medium weight cautery burners. Made of ebony with insulated ivory circuit breaker. To be used with cautery burners G/-4251 to G/-4263.....	\$ 4.00
G/-4209 <b>Schech's</b> Cautery Handle, with snare attachment. Made of ebony with metal circuit breaker .....	10.00
G/-4213 <b>Kuttner's</b> Cautery Handle, with snare attachment. Made of metal, hard rubber and ivory with insulated circuit breaker. ....	12.00
G/-4217 Cautery Set. This set consists of cautery handle G/-4209, with conducting cord and seven burners, assorted in a case. ....	25.00

As each user of the electric cautery has preferences for certain handles and points we do not stock many sets but can make up cases containing assortment most suited to the operator.

### Cautery Cords for Light and Medium Weight Burners

These cautery cords of large cross-section are made of stranded copper wires, heavily insulated with silk covering. They are very flexible, so will not break like the ordinary cords.

	Each
G/-4351 Cautery Cord, to be used with handle No. G/-4201 (page 3049), 5 feet long.....	\$ 1.50
G/-4355 Cautery Cord, to be used with handles No. G/-4205 to G/-4209, and G/-4213.....	1.75

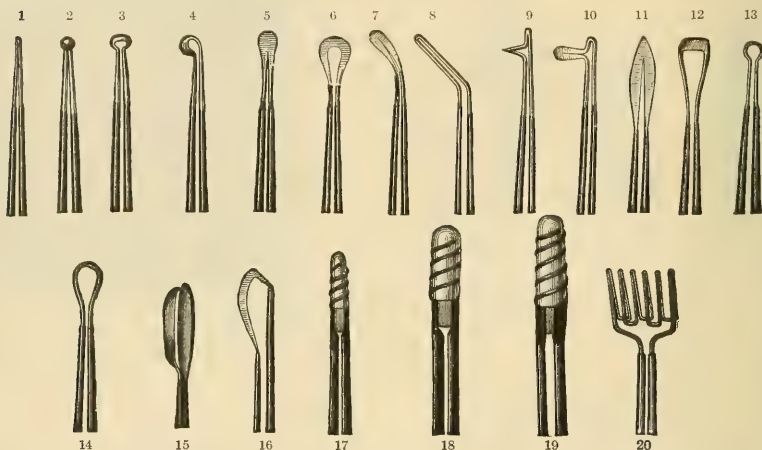
### Cautery Burners

We manufacture three types of Cautery Burners:

- A. The small, light burner for Eye, Ear, Nose and Throat work.
- B. The medium weight burner for general work in the office and hospital.
- C. The heavy weight for major operative surgery in the hospitals.

All types are made with platinum-iridium points. They will not bend during use, and outlast the ordinary burners offered at a lower initial price many times. Experience has proven that our cautery burners are the cheapest to own, and the most satisfactory to use.

All our burners can be supplied in either straight or curved shanks, and with any of the points illustrated.



G/-4251	Plain, Silk Wrapped Burners, straight.	Each
	Nos. 1 to 16.....	\$ 1.45
	No. 17.....	1.75
	No. 18.....	2.40
	No. 19.....	4.50
	No. 20.....	4.50
G/-4255	Plain, Silk Wrapped Burners, curved. Furnished at the same prices as the straight.	
G/-4259	Aseptic, can be boiled, straight.	
	Nos. 1 to 16.....	1.50
	No. 17.....	1.80
	No. 18.....	2.50
	No. 19.....	4.80
	No. 20.....	4.80
G/-4263	Aseptic, can be boiled, curved. Furnished at the same prices as the straight.	

### Snare Canulae

*G/-4275	Snare Canula, plain, silk wrapped.....	1.00
*G/-4279	Snare Canula, aseptic, can be boiled.....	1.25
*G/-4283	Snare Wire, platinum-iridium, for use in all snare canulae, per inch.....	.25

Our snare wire is of platinum-iridium and possesses a far greater tensile strength than the ordinary wire usually offered. It comes in rolls of about 20 inches, though shorter and longer lengths will be furnished on special request.



G/-4401



G/-4405



G/-4409

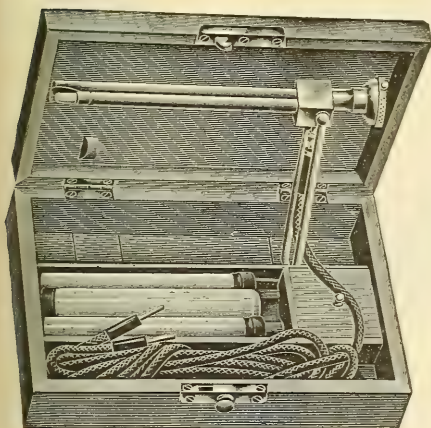


G/-4413

### Cautery Instruments, Extra Large

	Each
G/-4401 Cautery Handle, very heavy, made of ebony with sliding contact current breaker.....	\$ 11.00
G/-4405 Burner, needle point .....	10.00
G/-4409 Burner, knife-shaped .....	10.00
G/-4413 Burner, dome-shaped, wound on porcelain .....	10.00
G/-4417 Cautery Cable, extra heavy. Made of selected stranded copper wire, silk insulated .....	5.00
G/-4421 Foot Switch for Cautery, with 8 feet of conducting cable .....	8.50

### Electric Pharyngoscope



THE KNY-SCHEERER CO. N.Y.

G/-2260

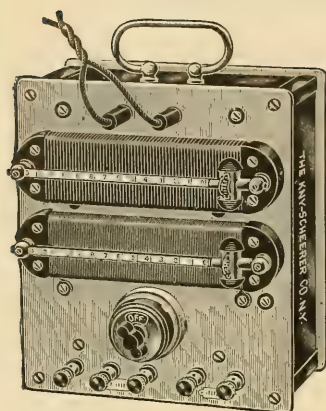
**Schmuckert's.** The most practical instrument for the inspection of the nasopharyngeal space, the larynx, etc.

It is constructed on the principle of the indirect vision Cystoscope illuminated by a very powerful miniature Tungsten lamp. One of its special features is that it is used with glass protective hoods, which can be kept absolutely sterile; it is therefore not necessary to re-sterilize the instrument after each examination.

	Each
G/-2260 Complete in case with extra lamp, three protective hoods and conducting cord .....	\$ 25.00
G/-2264 Extra lamps .....	1.50

## Apparatus for Diagnostic Light and Cautery

To be connected with Alternating Current Supply.



G/-4151

Low Tension Transformer for diagnostic lights and cautery. This apparatus consists of a closed magnetic circuit transformer with primary and secondary windings. It is so constructed that it is free from everything that could get out of order. The switches and controlling devices are mounted on an aluminum plate instead of slate or other heavy but easily broken materials. This apparatus is transportable, a carrying handle being provided. It may be rested on a table or suspended from the wall; hangers are provided for the latter.

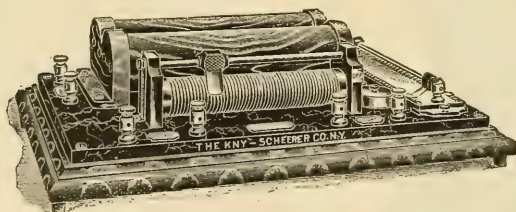
The rheostats are interposed in the secondary windings. It is the "Ideal" control for the cautery and diagnostic lamps. The very small lamps, such as used with the cystoscopes and urethoscopes, can be illuminated from the ordinary street current without danger of burning them out.

One advantage of this transformer over many similar patterns is its large capacity compared with its compactness and lightness.

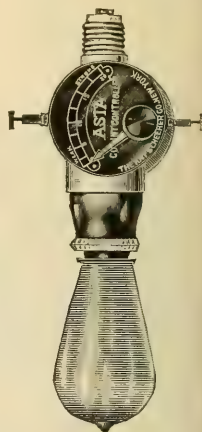
It measures 7½ in. by 9 in. by 4 in. deep. It is made for either 110 or 220 volts alternating current.

	Each	
G/-4151 .....		\$ 30.00

- |         |   |      |         |
|---------|---|------|---------|
|         |   | Each |         |
| G/-4155 | The "Asta" Current Controller is the simplest controller for lighting diagnostic lamps offered. It is made to screw into the ordinary electric lamp socket, and will illuminate any medical lamp consuming from 1 to 20 volts. Furthermore, it can be used with either the alternating or the direct currents of 110 or 220 volts. This controller assures a gradual increase of the current for the lamp. .... |      | \$ 7.00 |
| G/-4159 | Extra Resistance Bulb, blue, for 110 volts. ....  |      | 1.00    |
| G/-4163 | Extra Resistance Bulb, blue, for 220 volts. ....  |      | 1.75    |



G/-4167



G/-4155

- |         |  |      |          |
|---------|--|------|----------|
|         |  | Each |          |
| G/-4167 | Table Plate for Cautery and Diagnostic Lamps, to be operated from the alternating current of 110 volts. .... |      | \$ 25.00 |
| G/-4171 | Table, frame of steel, white enameled, shelf of crystal glass, for Table Plate. ....                         |      | 10.00    |



## The Pantostat

Improved Model

### A Universal Electro-Medical Apparatus

An apparatus to cover all modalities required by the Electro-Therapist of today, under the most minute control, and not of too large proportions, has been a long-felt want. The Pantostat, or Universal Apparatus, has been evolved after many years' experimentation in our laboratories with the expert aid of Electro-Therapists, and covers all the requirements along these lines.

In this apparatus the possibility of a ground circuit and the accidental shock to the patient is obviated, as the street current is used for driving the motor only; a separate dynamo generates the modalities as applied to the patient. This is a feature of great importance.

All the switches and the meter are mounted on a steel base into which are built the controlling rheostats, coil and transformers required for the various modalities. There is absolutely nothing to get out of order; poor control or bad contacts are impossibilities; it represents the most compact and simplest electro-therapeutic apparatus ever offered to the medical profession.

The following currents are obtained from the Pantostat:

1. Galvanic.
2. Current for Electrolysis.
3. Current for Cataphoresis.
4. Farado-Sinusoidal.
5. Combined Galvanic-Farado-Sinusoidal.
6. Current for lighting Diagnostic Lamps.
7. Current for heating cautery knives from 0 to 50 ampères.

All these currents are easily controlled, perfect regulation from zero to the maximum being a special feature of the apparatus.

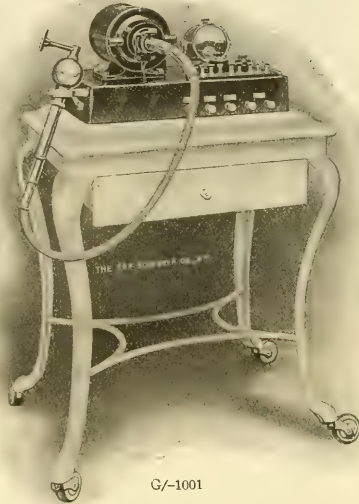
In addition to generating currents for therapeutic application, the power of the motor can be used for driving a vibratory massage attachment, a rotary bone drill or circular saw, a small pump for massage of the tympanum, evacuation of cups for Hyperemia Treatment or actuating small sprays and nebulizers.

To measure the Galvanic Current applied to the patient a milliampèremeter of the most accurate type is employed.

The entire apparatus is finished in black enamel, and makes a very handsome appearance. The wide range of utilities, compactness and simplicity make it the "Ideal" machine, one which should be in every up-to-date practitioner's office.

With each Pantostat, a set of conducting cords, four applicators of assorted sizes, a plain and an interrupter handle are supplied.

	Each
G/-1001 The Pantostat, for direct current of 110 volts, without table.....	\$150.00
G/-1005 For direct current of 220 volts, without table.....	160.00
G/-1009 For alternating current of 110 volts, 25 or 60 cycles, without table.....	175.00
G/-1013 Pantostat table, steel, white enameled, as shown above.....	30.00
G/-1021 "Tremolo" Vibrating Massage Attachment, complete with flexible shaft, adjuster and six applicators.....	40.00
G/-1025 Borchardt's Operative Surgery Set.....	75.00
G/-1029 Cautery Handle, with contact button, conducting cord, and 3 cautery burners, assorted; see G/-4205 and G/-4251 (pages 3167-68).....	7.50
G/-1033 Adjustable Headlight for the examination of cavities, etc; see G/-2451 (page 3260).....	10.00





1367-S



1373-S

### Specialists' Chairs and Table

Each

- 1360-S. Specialists' Chair, **Dr. May's** model. Tubular wrought steel frame. Revolving adjustable seat, 13 inches in diameter. Extra high back. All white enameled, rubber floor tips. . . . . \$ 18.00
- 1367-S. Specialists' Chair, **Dr. W. P. Brandegee's** model. Steel construction, with high back, head rest and arm rests. Revolving seat, adjustable. . . . . 18.00
- 1373-S. Specialists' Table. Wrought steel frame and cabinet, white enameled. Snow white glass top and shelf  $\frac{1}{2}$  inch thick, with smooth edges. Four steel drawers and cupboard with drop door for towels, etc. Porcelain enameled basin in bracket swings under table when not in use. Mounted on rubber casters. Dimensions of top: 16 x 30 inches, 30 inches high 55.00
- 1374-S. Specialists' Table, same as 1373-S. Fitted with extra heavy polished plate glass top and shelf . . . . . 50.00  
Packing. . . . . 75c to 1.00



1360-S



P -5046

### Portable Sterilizers—Seamless

The seamless boiler, perforated instrument tray and cover are drawn from non-corrosive metal. The rounded corners are easily cleaned and dried. The possibility of the instruments becoming injured by excessive heat is reduced by the tray being supported off the bottom; and, being seamless, excessive heat will not melt the apparatus apart.

The nickel-plated finish is mirrored externally.

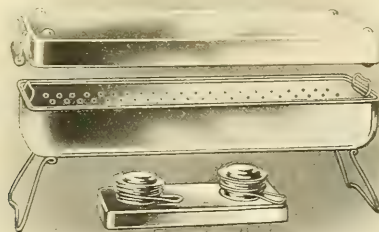
### Portable Instrument Sterilizers

Equipped with detachable legs to fit in the corner sockets

	Each
P/-5046 11¼ inches long, 5½ inches wide, 3⅝ inches deep.....	\$10.00
16¾ inches long, 7¼ inches wide, 4 inches deep.....	16.50

To heat these sterilizers alcohol or gas is generally used. We can supply the burner that suits your needs; or attach thoroughly efficient electric heating units to the bottom of the apparatus.

Heaters	Small Size	Each	Large Size	Each
Alcohol Lamp, wickless, nickel-plated.....	P/-5783a	\$2.50	P/-5783b	\$3.60
Alcohol Lamp, regular, nickel-plated.....	P/-5789a	2.00	P/-5789b	2.75
Gas Burner, 12 inches long, nickel-plated.....	P/-5870a	3.40	P/-5870b	4.00
Electric, single circular unit, attached.....		7.20	16 inches long two circular units.....	14.40

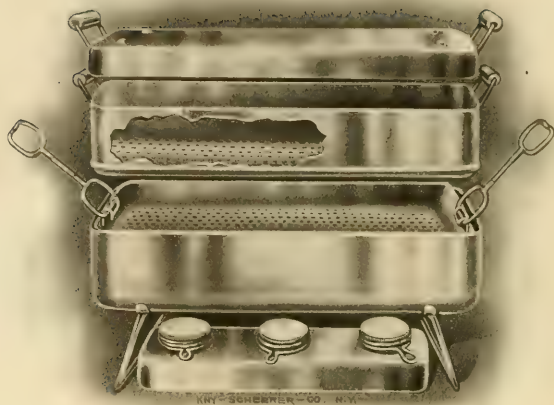


P/-5056

### Portable Instrument Sterilizers

Equipped with folding legs and alcohol lamp

	Each
P/-5056 7⅞ inches long, 3⅞ inches wide, 1⅝ inches deep.....	\$6.50
8¾ inches long, 4¾ inches wide, 2 inches deep.....	8.40
11 inches long, 5½ inches wide, 2½ inches deep.....	9.75
13½ inches long, 6½ inches wide, 3 inches deep.....	12.50
16¾ inches long, 7½ inches wide, 3½ inches deep.....	17.50



P/-5256

### The Physician's Combination Sterilizer

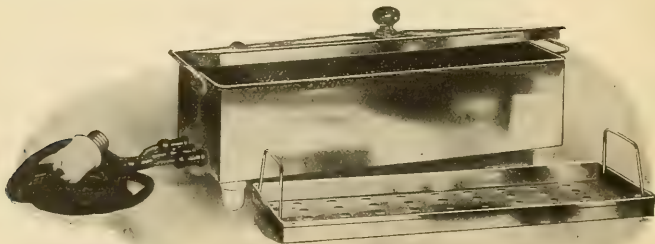
Tightly fitting on the seamless instrument sterilizer is the dressing sterilizer, so the sterilization of the instruments and dressings goes on simultaneously. The instrument sterilizer is equipped with a seamless perforated tray, supported off the bottom so the temperature of the instruments is not injured by excessive heat. The new pattern tray-hooks lift the tray and contents. The bottom of the dressing sterilizer is perforated to admit the live germicidal steam. A seamless cover, which will serve as a sterile instrument tray, fits either sterilizer, so that the instrument sterilizer may be used separately when desired.

The apparatus is made of solid rust-proof metal, nickel-plated finish, mirrored on the outside. A new design folding support holds the apparatus at the proper distance above the flame of the alcohol lamp.

#### Physician's Combination Sterilizer, Complete with Appropriate Burner

	Dimensions of Instrument Sterilizer	Height of Dressing Sterilizer	Each
P/-5256	8 $\frac{1}{2}$ x4 $\frac{3}{4}$ x2 inches deep	2 $\frac{3}{8}$ inches ....	\$ 13.00
	11x5 $\frac{1}{2}$ x2 $\frac{1}{4}$ inches deep	2 $\frac{3}{8}$ inches ....	14.75
	16 $\frac{1}{2}$ x7 $\frac{1}{2}$ x3 $\frac{1}{2}$ inches deep	3 $\frac{1}{2}$ inches ....	24.75

For carrying, all the accessories are packed in the instrument sterilizer, permitting the dressings to be arranged in the dressing sterilizer before leaving the office.



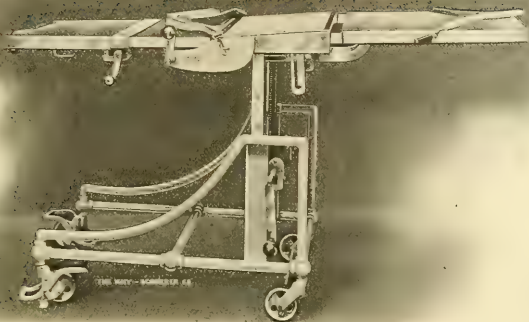
P/-5070

### Electrically Heated Sterilizing Apparatus

P/-5070 13 $\frac{1}{4}$  inches long, 5 inches wide, 3 inches deep; comprising: Hinged Cover Sterilizer, one Tray, one 6-foot Attachment Cord.  
Nickel-plated Finish.....net, each \$ 18.75  
State voltage when ordering.

P/-5070 16 inches long, 6 inches wide, 3 inches deep; comprising: Hinged Cover Sterilizer, one Tray, one 6-foot Attachment Cord.  
Nickel-plated Finish.....net, each \$ 21.75





## Dr. French's Operating Chair-Table

Designed by Dr. Thomas R. French, Brooklyn, New York

Adjustable in height, Dr. French's Chair-Table permits the surgeon to operate either standing or sitting; the raising and lowering being very easy. Furthermore, a simple device permits the tipping of the top into the Trendelenburg posture.

Those who have seen the ease with which operations are performed when the chair-table is used are convinced that it overcomes many difficulties and conserves the vitality of the patient. The top is in three sections, covered with nicalloy; the center having a corrugated rubber mat to restrain the tendency of the patient to slide forward when in the upright posture.

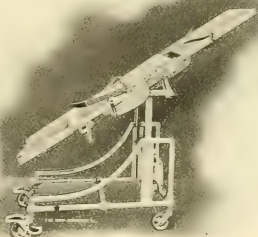
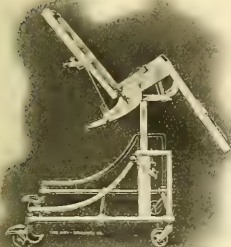
The head section is adjustable in length, and the seat can be raised; thus the chair-table fits all sizes of patients as if built especially for each case. The adjustments are made by crank-operated milled tool-steel racks and gears which turn without the least vibration.

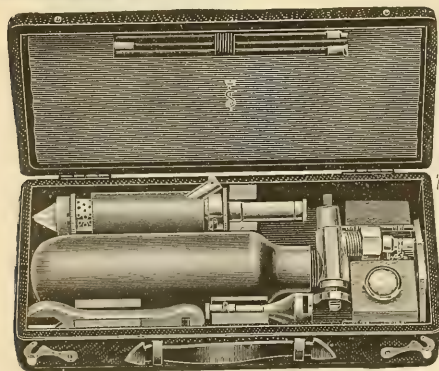
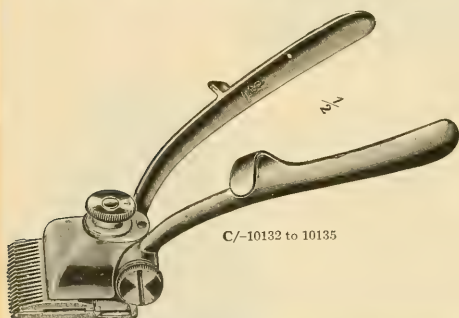
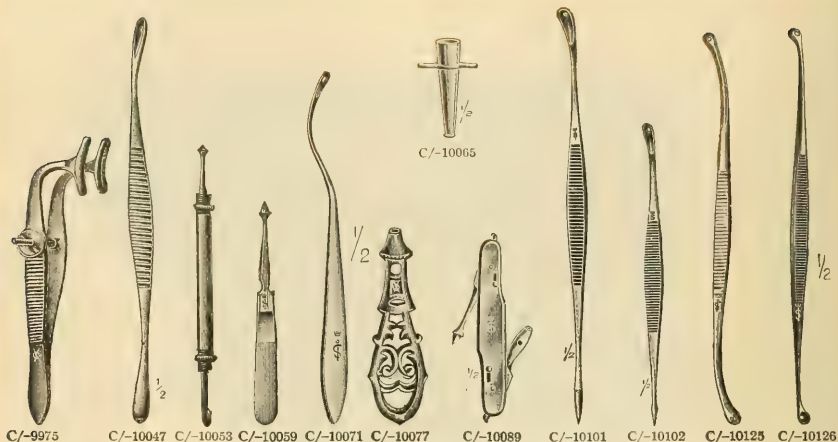
Straps, with universal buckles, hold the patient when in the sitting position. The aluminized, tubular steel frame is mounted on large rubber-tired wheels; those under the head end being fitted with floor brakes.

Besides being a specialist's operating table, this design admits its employment as a general aseptic operating table for cranial surgery.

For further information, see N. Y. Med. Jour., June 1, 1912; Mar. 16, 1913; May 24, 1913.

Dr. French's Operating Chair-Table..... \$ 210.00





### Hare Lip Clamps

	Each
C/-9975 Hutchinson's.....	\$ 3.00

### Comedone Extractors

C/-10047 Blaschko's.....	1.00
C/-10053 Fox's Acne Lancet and Curette.....	1.75
C/-10059 Hebra's Acne Lancet, solid metal handle.....	1.00
C/-10065 Hebra's Comedone Extractor.....	.50
C/-10071 Ihle's Comedone Extractor.....	1.50
C/-10077 Piffard's Comedone Extractor.....	.40
C/-10089 Piffard's Comedone Extractor and Acne Lancet, metal handle.....	1.50
C/-10101 Saalfeld's Comedone Extractor and Acne Lancet, large, 5 3/4 inches.....	.75
C/-10102 Saalfeld's Comedone Extractor and Acne Lancet, small, 4 1/2 inches.....	.50
C/-10125 Unna's Comedone Extractor, double-ended.....	.75
C/-10126 Unna's Comedone Extractor, double-ended, improved pattern.....	1.00

### Hair Clippers

C/-10132 "Mundus" Hair Clipper, 3 sizes, with blade cutting 1/2, 1 or 3 mm.....	3.00
C/-10133 "Mundus" Hair Clipper, with 3 mm. blade and extra comb to cut 5 mm....	3.75
C/-10134 "Mundus" Hair Clipper, with 3 mm. blade and extra comb to cut 7 mm....	3.75
C/-10135 "Mundus" Hair Clipper, with 3 mm. blade and 2 extra combs to cut 5 and 7 mm.....	4.25
C/-10140 Portable Carbonic Acid Snow Outfit. Set consists of steel cylinder with all-metal valve, containing 1/2 pound compressed CO <sub>2</sub> , lever key and spanner, nozzle and stand, small combined CO <sub>2</sub> snow condenser and applicator, with cone, rod and pencil mould, complete, in case with handle.....	25.00



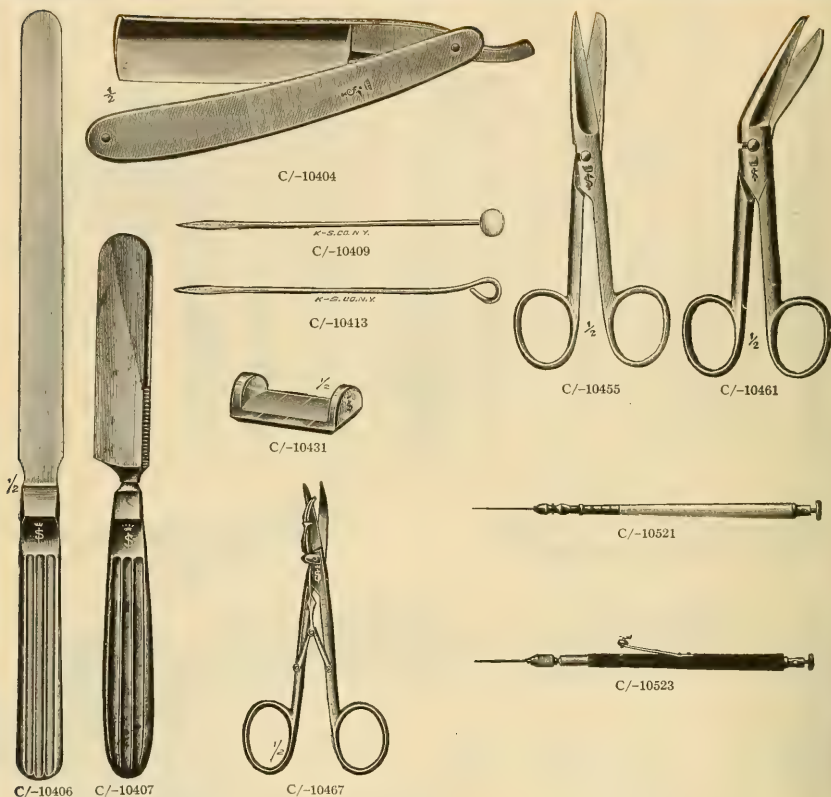
C/-10149	Baunscheidt's "Lebenswecker" .....	\$ 1.75
*C/-10155	Baunscheidt's Oil for same, bottle.....	.60

C/-10173	Auspici's Scoop, with thorn.....	2.00
C/-10179	Fox's Dermal Curette.....	1.50
C/-10185	Hebra's Dermal Curette, straight.....	1.50
C/-10197	Lasar's, 3 sizes.....	1.50
C/-10215	Martin's Double-ended Dermal Curette.....	1.00
C/-10239	Piffard's Dermal Curette.....	1.50
C/-10263	Wolff's Dermal Curette, 3 sizes.....	1.25
C/-10269	Wright's Dermal Curette.....	1.00

C/-10271	Mayo's Skin Grafting Elevator or Spatula.....	2.25
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C/-10287	Plain Tissue Forceps, with 3 and 4 teeth, 4 inches . . . . .	.90
C/-10288	Plain Tissue Forceps, with 3 and 4 teeth, 5 inches . . . . .	1.00
C/-10289	Plain Tissue Forceps, with 3 and 4 teeth, 6 inches . . . . .	1.10
C/-10293	<b>Bergh's</b> , epilating . . . . .	.75
C/-10299	<b>Henry's</b> , epilating . . . . .	2.00
C/-10311	<b>Piffard's</b> , epilating . . . . .	1.00

C/-10389	Guerin's Tenotome.....	1.25
C/-10403	Tiersch's, for skin grafting.....	3.75



## Knives

(Continued)

	Each
C/-10404 Razor, 1 side plane, 1 concave, for skin grafting, with folding metal handle.....	\$ 2.25
*C/-10405 Razor, same as above, with separable metal handle.....	2.50
C/-10406 Kortuem's, for skin grafting.....	3.50
C/-10407 Rehn's, for skin grafting.....	5.50

## Hare Lip Pins

C/-10409 With glass heads, 2¼ to 3¼ inches, ..... doz.	.50
C/-10413 With ring heads, 2¼ to 3¼ inches, ..... doz.	.50

## Pleximeter

C/-10431 Hesse's, glass, for observing skin under pressure.....	.50
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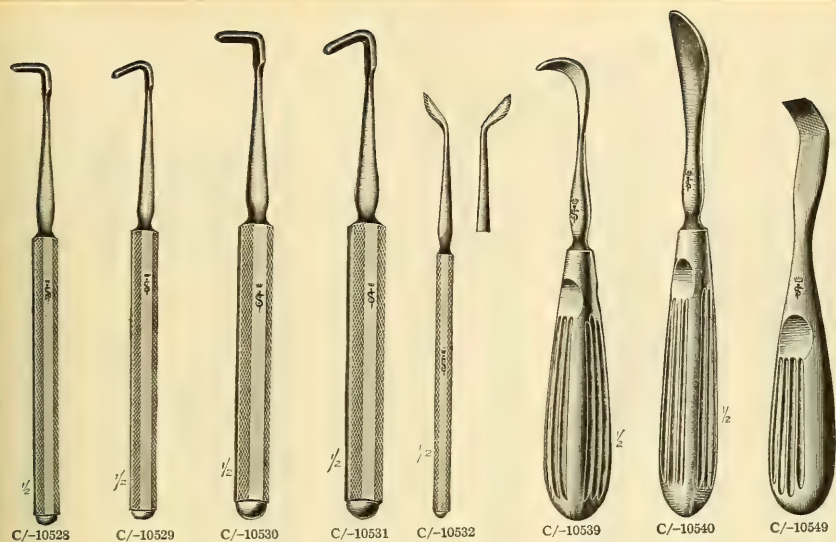
## Scissors

	Each
C/-10455 Straight, hare lip, 5 inches.....	\$ .75
C/-10461 Angular, hare lip, 5 inches.....	1.00
C/-10467 Smith's, skin grafting.....	6.25

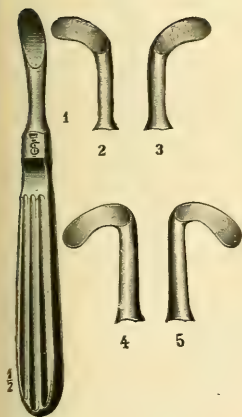
## Needles and Needle Holders for Electrolytic Epilation

*C/-10491 Needles, platinum-iridium, sharp points.....	.50
*C/-10492 Needles, platinum-iridium bulbous points.....	.60
*C/-10515 Needles, steel, best quality, sharp points.....doz.	.50
*C/-10518 Hays' Needles, steel, bulbous points.....doz.	1.00
C/-10521 Needle Holder, improved model, plain.....	.75
C/-10523 Needle Holder, improved model, with contact switch.....	1.25





C/-10545



C/-10550-51-52

## Staphylorrhaphy and Plastic Instruments Elevators and Raspatories

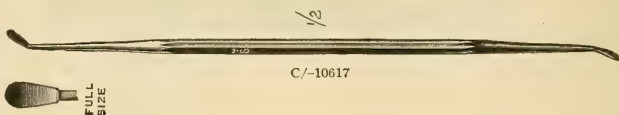
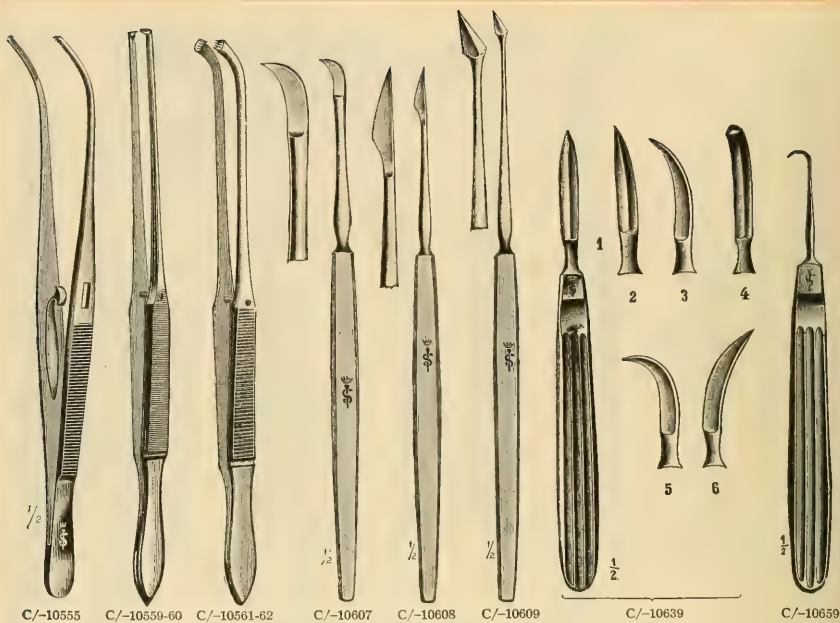
	Each
C/-10528 Brophy's Periosteotome, light pattern, right angle . . .	\$ 1.50
C/-10529 Brophy's Periosteotome, light pattern, acute angle . . .	1.50
C/-10530 Brophy's Periosteotome, heavy pattern, right angle . . .	1.75
C/-10531 Brophy's Periosteotome, heavy pattern, acute angle . . .	1.75
C/-10532 Brophy's Bone Scarifiers, right or left . . . . .	1.75
C/-10539 Goodwillie's Elevator, strongly bent . . . . .	1.50
C/-10540 Goodwillie's Elevator, slightly bent . . . . .	1.50
C/-10545 Sayre's Raspatory . . . . .	1.00
C/-10549 Trelat's Periosteotome, heavy pattern . . . . .	1.50
C/-10550 Trelat's Raspatory, curved on flat, Fig. 1 . . . . .	1.50
C/-10551 Trelat's Raspatory, angular, right or left, Fig. 2 and 3 . . . . .	1.50
C/-10552 Trelat's Raspatory, acute angle, right or left, Fig. 4 and 5 . . . . .	1.50

## Seizing Forceps

C/-10554 Brophy's Tissue Forceps, for fine dissection, 6½ inches long . . . . .	2.00
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C/-10554



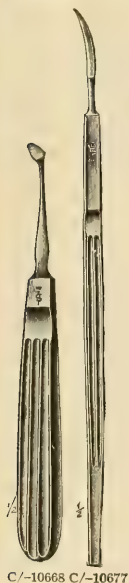
## Seizing Forceps

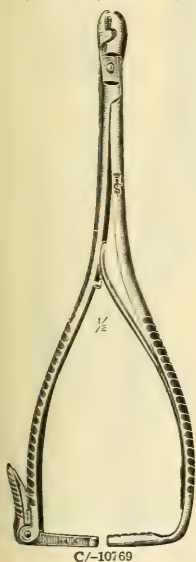
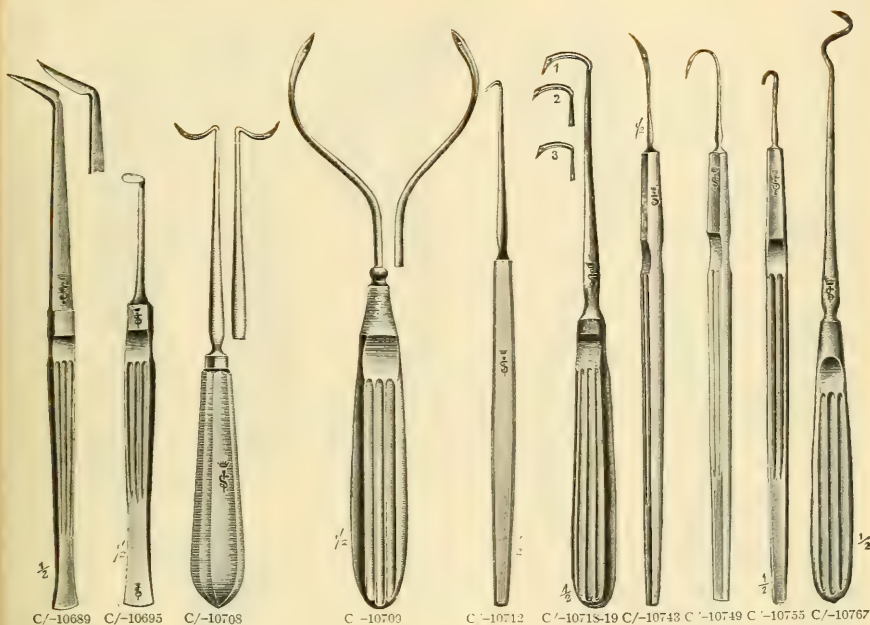
(Continued)

	Each
C/-10555 Brophy's Tissue and Swabbing Forceps, 8 inches long...	\$ 2.00
C/-10559 Plain, straight, with 1 and 2 teeth, 8 inches long.....	1.00
C/-10560 Plain, straight, with 4 and 5 teeth, 8 inches long.....	1.35
C/-10561 Plain, curved, with 1 and 2 teeth, 8 inches long.....	1.10
C/-10562 Plain, curved, with 4 and 5 teeth, 8 inches long.....	1.50

## Knives

C/-10607 Brophy's Curved Bistoury.....	1.75
C/-10608 Brophy's Thin-Bladed Knife, for fine dissection.....	1.75
C/-10609 Brophy's Angular Knife, double-edged.....	1.75
C/-10617 Crile's, double-ended for gasserian ganglion.....	1.25
C/-10639 Langenbeck's Staphylorrhaphy Knives, 6 patterns, Fig. 1 to 6.....	1.75
C/-10659 Langenbeck's Staphylorrhaphy Tenaculum.....	1.25
*C/-10665 Langenbeck's Set of 6 Knives and Tenaculum, in fine polished wood case.....	12.00
C/-10668 Trélat's.....	1.75
C/-10677 Updegraff's.....	1.75
C/-10683 Whitehead's Gum Knife.....	1.25





### Knives

(Continued)

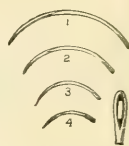
	Each
C/-10689 Whitehead's Paring Knife, right or left....	\$ 1.25
C/-10695 Whitehead's, hoe-shaped.....	1.25

### Needles

C/-10703 Brophy's Suturing Needle, right or left....	1.75
C/-10709 Brophy's Bone Needle, right or left.....	1.75
C/-10712 Brophy's Angular Sharp Hook.....	1.50
C/-10718 Durham's, 3 sizes, right.....	1.50
C/-10719 Durham's, 3 sizes, left.....	1.50
C/-10730 Lane's, for cleft palate, to be used with needle holder, $\frac{3}{8}$ and $\frac{1}{2}$ circle, 4 sizes, per doz.	1.50
C/-10743 Updegraff's, half-curved.....	1.25
C/-10749 Updegraff's, full-curved.....	\$ 1.25
C/-10755 Updegraff's Hook.....	1.25
C/-10767 Whitehead's Spiral Suture Needle, right or left.....	1.25



$\frac{1}{2}$  Circle



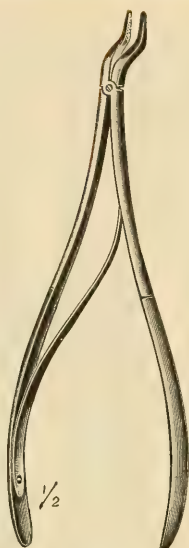
$\frac{1}{2}$  Circle  
C/-10730

### Needle Holders

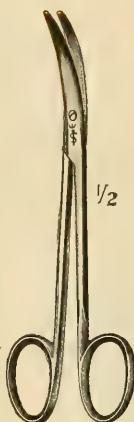
C/-10769 Brophy's, for staphylorrhaphy.....	4.50
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C/-10771



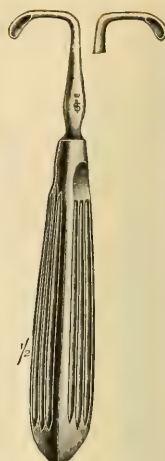
C/-10774



C/-10797



C/-10800



C/-10801

## Needle Holders

(Continued)

Each

C/-10771	Lane's, for cleft palate.....	\$ 8.00
C/-10774	Von Eiselsberg's, for cleft palate .....	4.00

## Scissors

C/-10797	Brophy's Gum Scissors, 5 $\frac{3}{4}$ inch, screw lock .....	2.00
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## Instruments for Alveolar Process

C/-10800	Chapman's Alveolar Process Curette, oval, angular, cutting downwards .....	1.75
C/-10801	Chapman's Alveolar Process Curette, oval, right or left .....	2.00
C/-10803	Chapman's Alveolar Process Cutting Forceps....	6.75
C/-10804	Chapman's Alveolar Process Dressing Forceps....	1.50

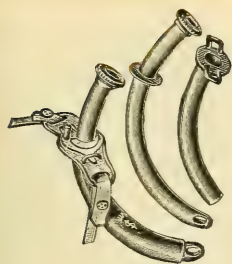


C/-10803



C/-10804

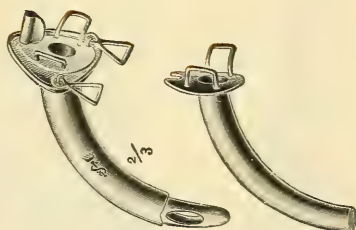




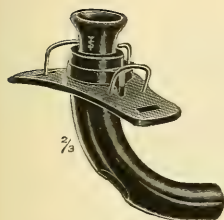
C/-10809



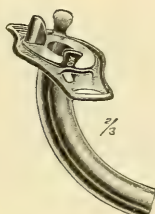
C/-10842



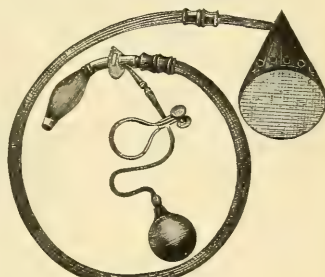
C/-10863-69



C/-10887



C/-10893-905-911



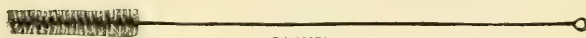
C/-10953 with C/-10970



C/-10851



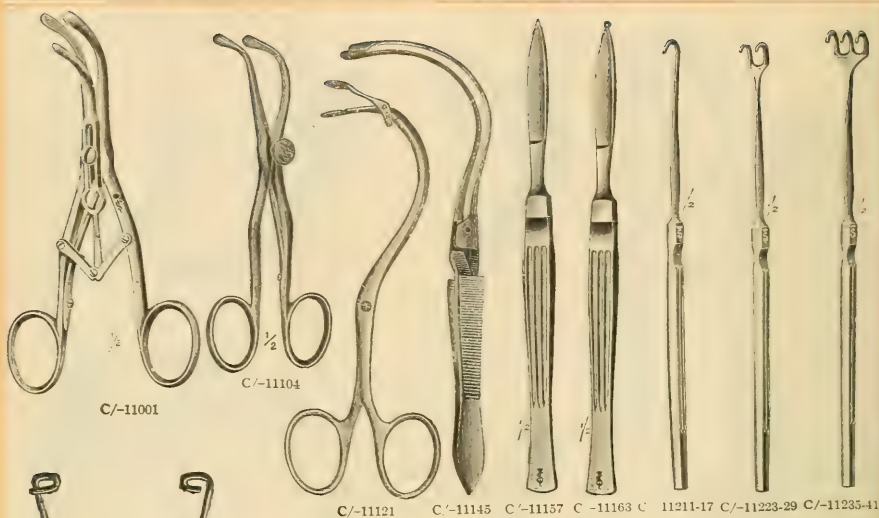
Scale for Trachea Tubes



C/-10971

### Trachea Canulae

C/-10809	Cohen's, aluminum, with inner canula and obturator, 3 sizes, Nos. 2, 4 and 6.....									Each
C/-10842	Hahn's, silver, with sponge covering, for use with Chloroform Apparatus C/-10970, 6 sizes:									\$ 3.50
	No. 1	No. 2	No. 4	No. 5	No. 7	No. 9				
	\$8.50	\$8.75	\$9.00	\$9.25	\$9.50	\$10.00				
C/-10851	Koenig's, German silver, spiral, 4 sizes, Nos. 1, 3, 5, 7.....									2.50
C/-10863	Krishaber-Collin's, German silver, with inner canula and obturator, 4 sizes, Nos. 2, 4, 6, 8...									3.50
C/-10869	Krishaber-Collin's, silver, with inner canula and obturator, 4 sizes, Nos. 2, 4, 6, 8.....									7.50
C/-10887	Luer's, hard rubber, 6 sizes, Nos. 3, 4, 5, 7, 8, 10.....									1.00
C/-10893	Luer's, German silver, 6 sizes, Nos. 1 to 6.....									2.00
C/-10905	Luer's, silver, 10 sizes:									
	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6	No. 7	No. 8	No. 10	
	\$3.50	\$3.50	\$4.00	\$4.25	\$4.25	\$5.00	\$5.50	\$5.75	\$6.25 \$7.00	
C/-10911	Luer's, aluminum, 6 sizes, Nos. 1 to 6.....									1.75
C/-10953	Trendelenburg's, silver, inflatable, for use with Chloroform Apparatus C/-10970, 10 sizes:									
	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6	No. 7	No. 8	No. 9 No. 10	
	\$5.50	\$5.50	\$5.75	\$6.25	\$6.50	\$6.75	\$7.00	\$7.50	\$8.00 \$9.00	
C/-10970	Chloroform Apparatus, for Canulae C/-10842 and C/-10953.....									4.00
C/-10971	Mop, for cleaning trachea tubes.....									.10



### Dilators

	Each
C - 11001 Laborde's, trivalve.....	\$ 3.00
C/-11104 Trousseau's .....	1.75

### Forceps

C - 11121 Collin's, alligator jaw, scissors handle .....	4.00
C - 11115 Stockloew's, foreign bodies.....	3.00

### Tracheotomy Knives

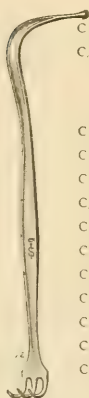
C - 11157 Sharp-pointed .....	1.25
C - 11163 Probe-pointed .....	1.25

### Trachea Retractors

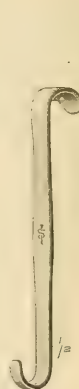
C - 11211 Hook, single prong, sharp.....	.80
C - 11217 Hook, single prong, blunt.....	.80
C - 11223 Hook, double prong, sharp.....	.90
C - 11229 Pilcher's Hook, double-pronged, blunt.....	.90
C - 11235 Hook, triple prong, sharp.....	1.00
C - 11241 Hook, triple prong, blunt.....	1.00
C - 11259 Belajew's .....	1.25
C - 11283 Bose's, with wire spring.....	.40
C - 11309 Hupp's .....	1.75
C - 11313 Luer's, double-ended, blunt.....	.40
C - 11319 Rose's, double-ended, blunt.....	.60



C/-11259



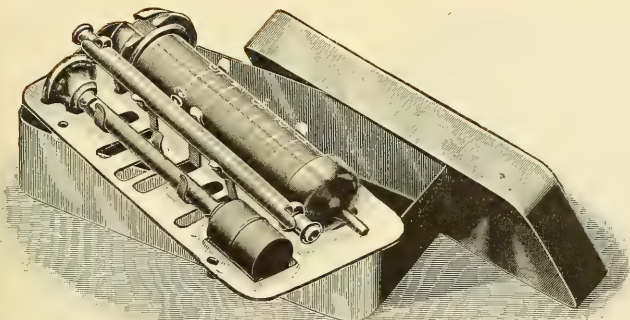
C/-11309



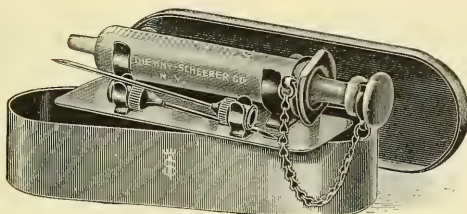
C/-11313



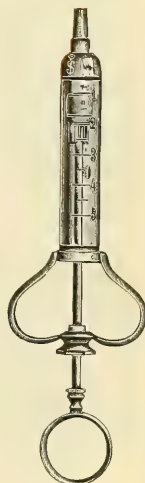
C/-11319



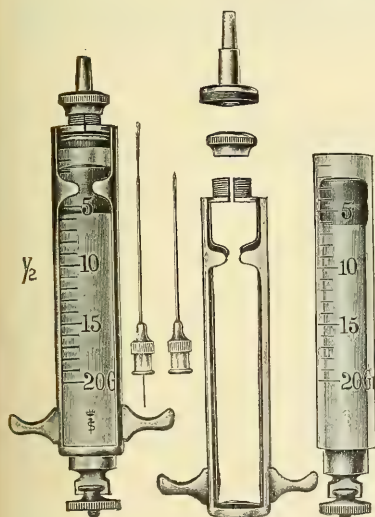
C/-11432-33-34



C/-11428-29-30



C/-11423-24-25

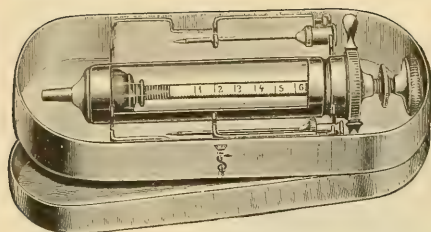


C/ 11378-79-91

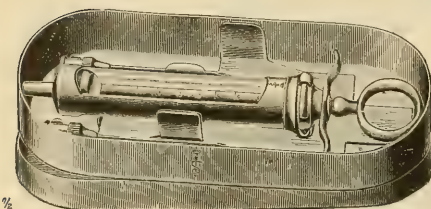
## Antitoxine Syringes

	Each
C/-11378 Serum Syringe, aseptic separable pattern, with glass barrel and expanding rubber plunger, 5 cc., with 2 needles in hard wood case.....	\$ 3.75
C/-11379 Serum Syringe, same as above, 10 cc.....	4.50
C/-11391 Serum Syringe, same as above, 20 cc.....	5.75
C/-11423 Carleton's Syringe, with expanding soft rubber plunger, 5 cc., without needles.....	4.00
C/-11424 Carleton's Syringe, same as above, 10 cc.....	5.00
C/-11425 Carleton's Syringe, same as above, 20 cc.....	5.75
C/-11426 Needles for Carleton's Syringe.....	.35
C/-11428 The "Excelsior" All-glass Syringe, 5 cc., with 2 steel needles in metal case, complete.....	3.50
Syringe only.....	2.00
C/-11429 The "Excelsior" Syringe, same as above, 10 cc., complete.....	4.50
Syringe only.....	3.00
C/-11430 The "Excelsior" Syringe, same as above, 20 cc., complete.....	5.50
Syringe only.....	4.00
For other patterns of "Excelsior" Syringes see Section B.	
C/-11432 The "Record" Precision Syringe, with glass barrel and ground-in metal plunger, 5 cc., with 2 steel needles, in metal case, complete.....	4.50
Syringe only.....	3.35
C/ 11433 The "Record" Syringe, same as above, 10 cc., complete Syringe only.....	5.50
C/-11434 The "Record" Syringe, same as above, 20 cc., complete Syringe only.....	4.25
	7.00
	4.75

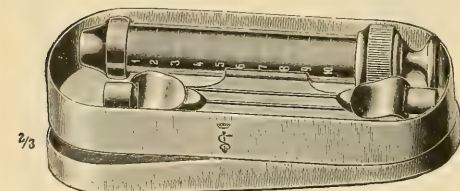
For other patterns of "Record" Syringes see Section B.



C/-11437-38-40



C/-11442-43-44



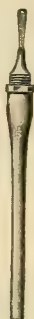
C/-11445-57-59



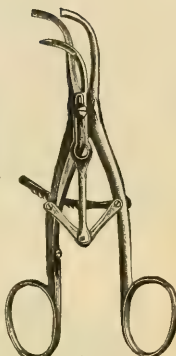
C 11523



C/-11529



C/-11465



C/-11481



C/-11511

## Antitoxine Syringes

(Continued)

	Each
C/-11437 Roux's Syringe, with expanding soft rubber plunger, 5 cc., with 2 steel needles, in metal case.....	\$ 3.00
C/-11438 Roux's Syringe, same as above, 10 cc.....	3.50
C/-11440 Roux's Syringe, same as above, 20 cc.....	4.00
C/-11442 Scheko's Syringe, with expanding soft rubber plunger and ring handle, 5 cc., with 2 steel needles, in metal case.....	3.50
C/-11443 Scheko's Syringe, same as above, 10 cc.....	4.00
C/-11444 Scheko's Syringe, same as above, 20 cc.....	4.50
C/-11445 Walcher's Syringe, with glass barrel and metal plunger, 5 cc., with 2 steel needles in metal case.....	5.50
C/-11457 Walcher's Syringe, same as above, 10 cc.....	6.75
C/-11459 Walcher's Syringe, same as above, 20 cc.....	7.00
C/-11460 Needles for Walcher's Syringe.....	.35

## Tuberculine Test

C/-11465 Pirquet's Drill, for tuberculine test, with platinum blade.....	3.50
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## Tracheotomes

C/-11481 Anger's, combined with dilator....	5.50
C/-11511 Langenbeck's.....	3.25
C/-11523 Pitha's.....	2.25
C/-11529 Rozzoli's.....	6.00



## Tracheotomy Sets

- C/-11541 Tracheotomy Set, in fine leather-covered case..... \$ 8.00

### Contents

- 1 Sharp Hook.
- 1 Tracheotomy Scalpel.
- 2 German Silver Trachea Tubes.
- 1 Trousseau's Dilator.

- C/-11547 Tracheotomy Set, same contents as above, but with silver trachea tubes and in fine aseptic metal case..... 18.00



C/-11547

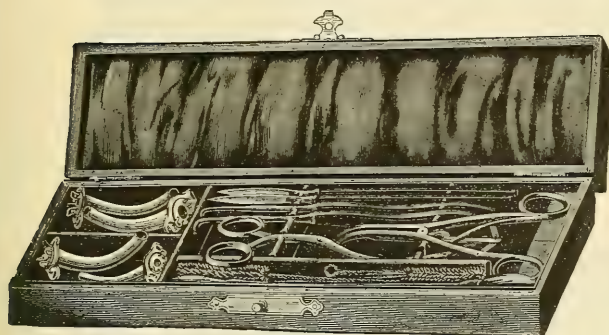
## Tracheotomy Sets

(Continued)

- C/-11559 Tracheotomy Set, in fine leather-covered case \$16.50

### Contents

- 1 Tracheotomy Scalpel, sharp-pointed.
- 1 Tracheotomy Scalpel, probe-pointed.
- 2 Retractors, double prong, blunt.
- 4 German Silver Trachea Tubes.
- 1 Collin's Foreign Body Forceps.
- 1 Laborde's Dilator.
- 2 Mops for cleaning canulae.
- 2 Sponges.



C/-11559

## Tracheotomy Sets

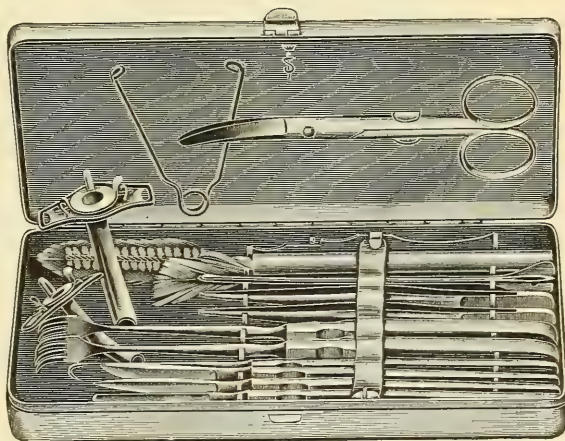
(Continued)

Each

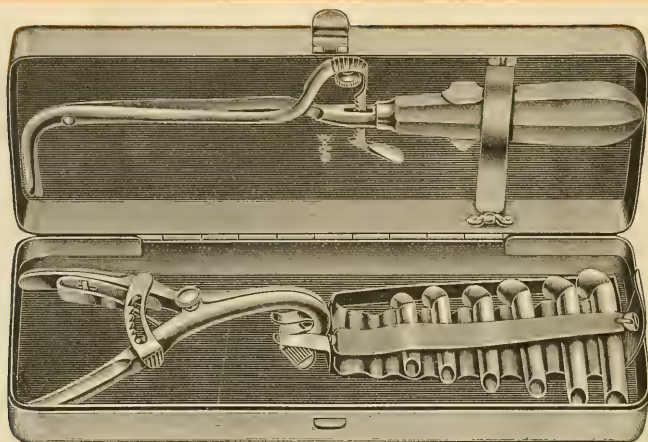
- C/-11571 Tracheotomy Set, in fine aseptic metal case..... \$24.00

### Contents

- 3 Scalpels.
- 1 Scissors, curved on flat.
- 2 Sharp Retractors, 4 prongs.
- 1 Sharp Hook, fine.
- 2 Forceps, with mouse teeth.
- 1 Silver Probe, with eye.
- 1 Silver Director and Tongue Tie.
- 2 German Silver Trachea Tubes.
- 1 Mop for cleaning canulae.
- 1 Bose's Retractor.



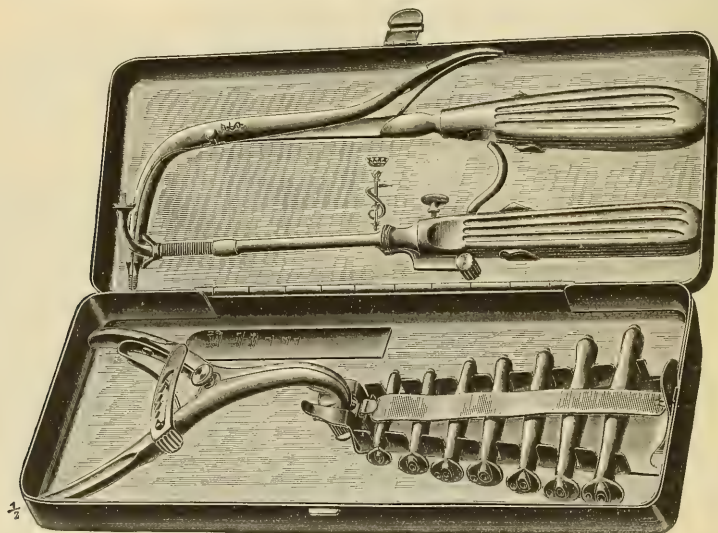
C/-11571



C/-11580

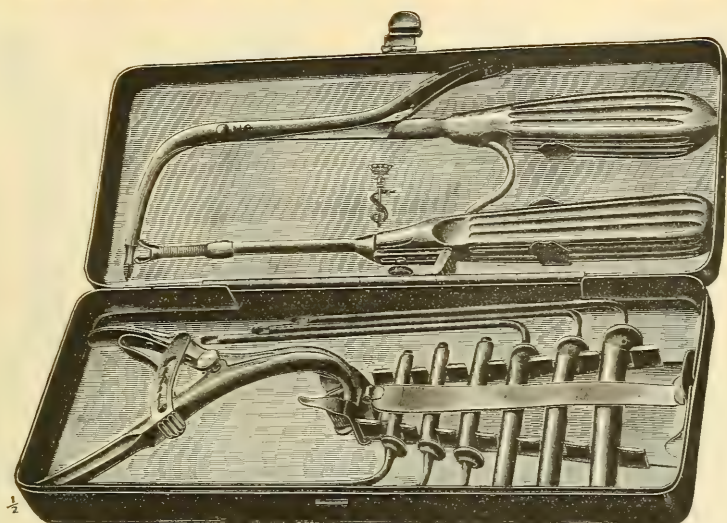
**Intubation Instruments**

	Each
C/-11580 <b>Ferroud's</b> Intubation Set, with 6 gold-plated tubes, in fine metal case. ....	\$ 19.50
C/-11581 <b>Ferroud's</b> Intubation Set, same as above, but in canvas pouch with leather cover. ....	18.00
C/-11583 <b>Ferroud's</b> Intubation Tubes, for above set, gold-plated, 6 sizes. ....	1.50



C/-11590

	Each
C/-11590 <b>O'Dwyer's</b> Intubation Set, original model, with short obturators, in fine metal case. Containing: 7 Gold-plated Tubes, with short obturators; 1 Introducer; 1 Extractor; 1 Metal Scale; 1 Denhard's Gag. ....	\$23.50
C/-11593 <b>O'Dwyer's</b> Intubation Tubes, for above set, 7 sizes, gold-plated, without obturators. ....	1.50
C/-11594 <b>O'Dwyer's</b> Intubation Tubes, for above set, 7 sizes, gold-plated, with short obturators. ....	2.00



C/-11597-603

## Intubation Instruments

(Continued)

- |  | Each     |
|--|----------|
| C/-11597 O'Dwyer's Intubation Set, improved pattern, with long stem obturators, gold-plated tubes, in fine metal case. | \$ 21.00 |

### Contents

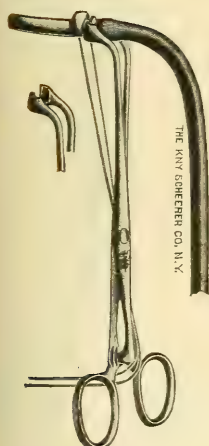
- |                               |               |
|-------------------------------|---------------|
| 6 Metal Canulæ for children.  | 1 Introducer. |
| 6 Long Stem Obturators.       | 1 Extractor.  |
| 1 Denhard's Mouth Gag, steel. |               |

- |  |       |
|--|-------|
| C/-11599 O'Dwyer's Intubation Tubes, for above set, gold-plated, 6 sizes, without obturators.                                  | 1.50  |
| C/-11600 O'Dwyer's Intubation Tubes, for above set, gold-plated, 6 sizes, with long stem obturators.                           | 2.50  |
| C/-11603 O'Dwyer's Intubation Set, improved pattern, with long stem obturators, hard rubber covered tubes, in fine metal case. | 24.00 |

### Contents

- |                               |               |
|-------------------------------|---------------|
| 7 Hard Rubber Covered Canulæ. | 1 Introducer. |
| 7 Long Obturators.            | 1 Extractor.  |
| 1 Denhard's Mouth Gag, steel. |               |

- |   |      |
|---|------|
| C/-11605 O'Dwyer's Intubation Tubes, for above set, hard rubber covered, 7 sizes, without obturators. | 1.50 |
| C/-11606 O'Dwyer's Intubation Tubes, same as above, with long stem obturators.                        | 2.50 |
| C/-11611 Doyen's Intubation Canula, with chloroform apparatus and introducing forceps.                | 6.75 |

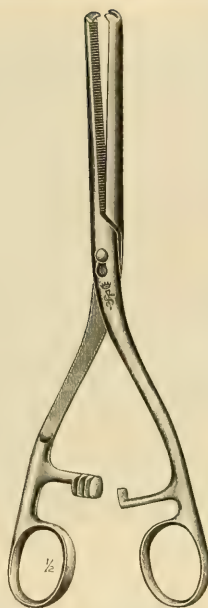


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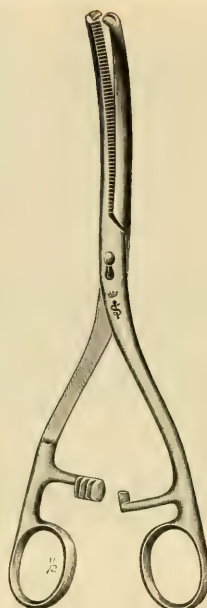




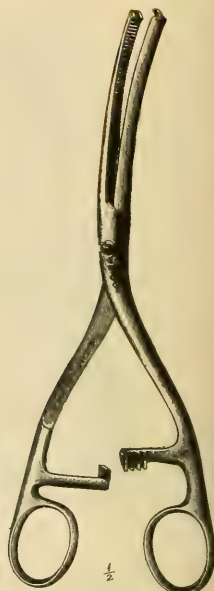
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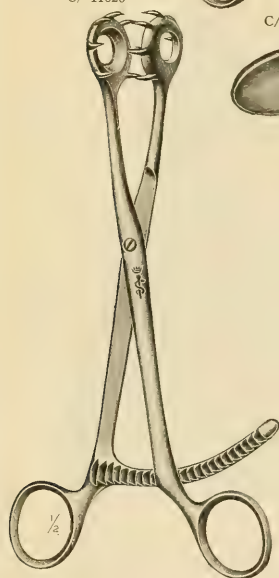
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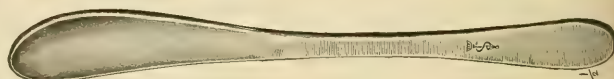
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C/-11639



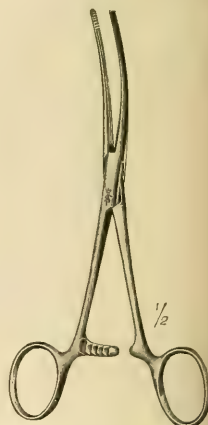
C/-11628



C/-11635

### Goitre Instruments

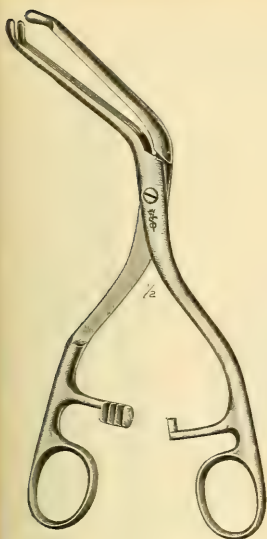
	Each
C/-11620 Bainbridge's Haemostatic Forceps, 6 inches long, straight, with box lock.....	\$ 2.25
C/-11621 Bainbridge's Haemostatic Forceps, 6 inches long, curved on flat, with box lock.....	2.50
C/-11628 Ferguson's Grasping Forceps.....	6.75
C/-11635 Kocher's Depressor, spoon-shaped.....	1.25
C/-11637 Kocher's Compression Forceps, with mouse teeth, straight...	4.00
C/-11638 Kocher's Compression Forceps, with mouse teeth, curved on flat.....	4.00
C/-11639 Kocher's Compression Forceps, with mouse teeth, curved sideways.....	4.00



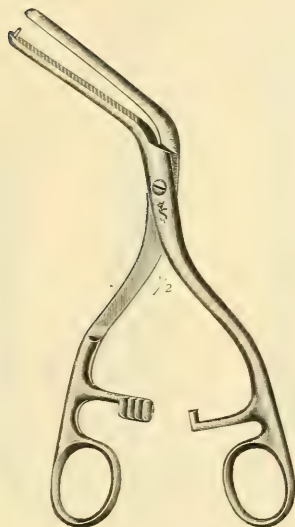
C/-11621

GUARANTEE OF QUALITY





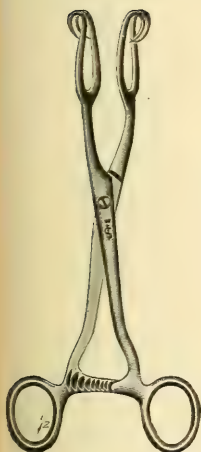
C/-11640



C/-11642



C/-11644



C/-11645

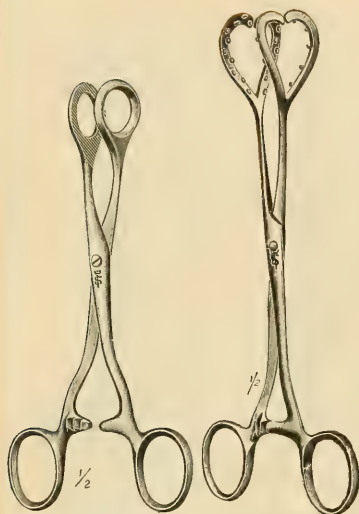
### Goitre Instruments

(Continued)

	Each
C/-11640 Kocher's Compression Forceps, improved pattern.....	\$ 5.50
C/-11642 Payr's Compression Forceps, angular .	4.75
C/-11644 Kocher's Gland Forceps, round jaw..	5.00
C/-11645 Kocher's Gland Forceps, oval jaw....	5.00
C/-11646 Kocher's Gland Forceps, new slender pattern.....	6.00



C/-11646

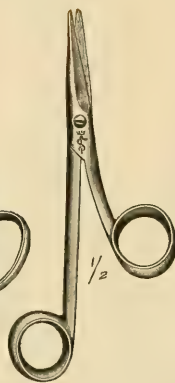


C/-11647

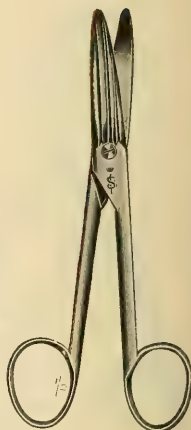
C/-11648



C/-11649



C/-11650



C/-11651

### Goitre Instruments

(Continued)

	Each
C/-11647 <b>Kocher's Gland Forceps</b> , plain pattern, 2 sizes.....	\$ 3.50
C/-11648 <b>Mueller's Gland Forceps</b> .....	6.00
C/-11649 <b>Kocher's Scissors</b> .....	1.50
C/-11650 <b>Kocher's Scissors</b> , Mayo's modification, for dissection.....	2.00
C/-11651 <b>Schoemaker's Scissors</b> and Bronchocele Sound, combined	3.00
C/-11653 <b>Kocher's Bronchocele Sound</b> , with eye.....	1.00
C/-11654 <b>Kocher's Bronchocele Sound</b> , without eye.....	1.00
C/-11658 <b>Brunner's Bronchocele Sound</b> , fenestrated.....	1.25
C/-11659 <b>Settegast's Bronchocele Sound</b> combined with forceps and wound dilator.....	3.00



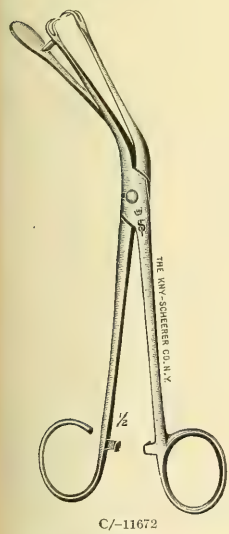
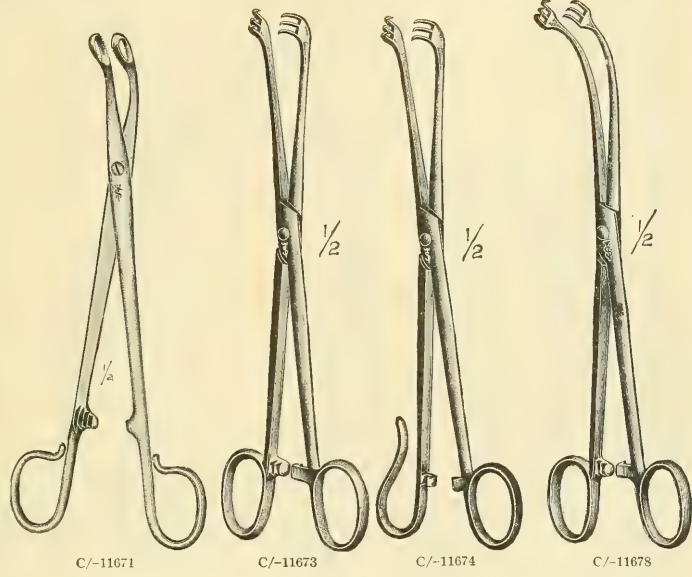
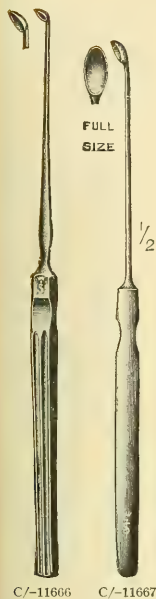
C/-11653-54



C/-11658



C/-11659

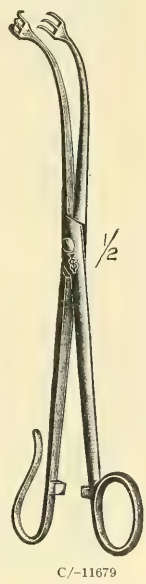


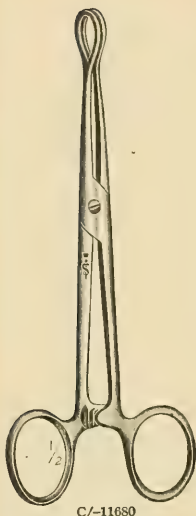
### Curettes, Tonsil

C/-11666	Abraham's.....	\$ 1.50
C/-11667	Meierhof's.....	1.50

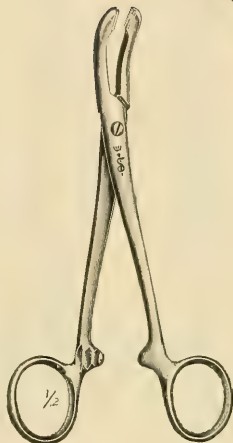
### Forceps, Tonsil, Seizing and Haemostatic

C/-11671	Abraham's.....	3.50
C/-11672	Alter's, combined with tongue depressor.....	3.75
C/-11673	Andrews'.....	2.00
C/-11674	Andrews', with one open ring..	2.25
C/-11678	Ballenger's.....	2.00
C/-11679	Ballenger's, with one open ring	2.25

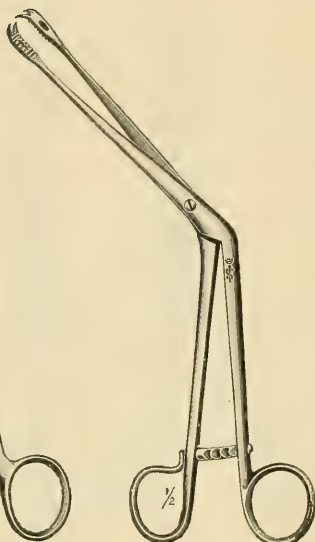




C/-11680



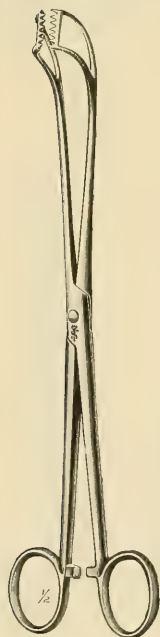
C/-11683



C/-11686



C/-11687



C/-11691



C/-11689

### Forceps, Tonsil, Seizing and Haemostatic

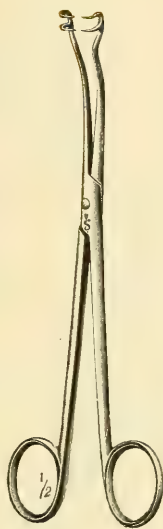
(Continued)

	Each
C/-11680 Ballenger's, sponge holding . . . . .	\$ 1.50
C/-11683 Beck's, haemostatic, tonsil angiotribe . . . . .	2.25
C/-11686 Boettcher's . . . . .	3.25
C/-11687 Boettcher's, for holding uvula . . . . .	2.75
C/-11689 Burrow's . . . . .	2.50
C/-11691 Byrnes' . . . . .	3.25





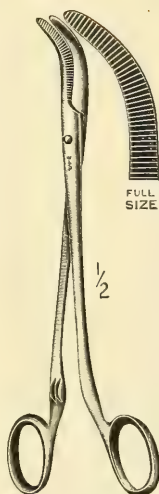
C/-11695



C/-11697



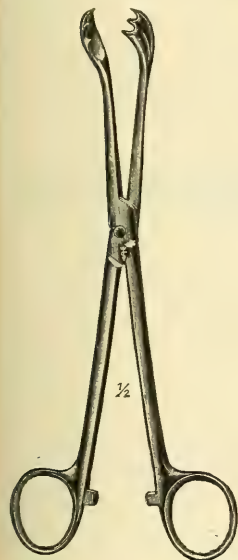
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C/-11701



C/-11703



C/-11706

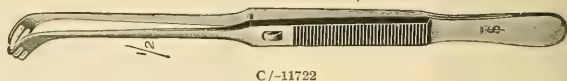
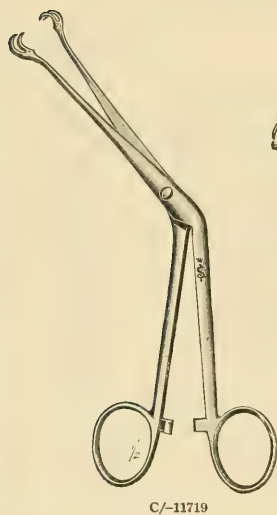
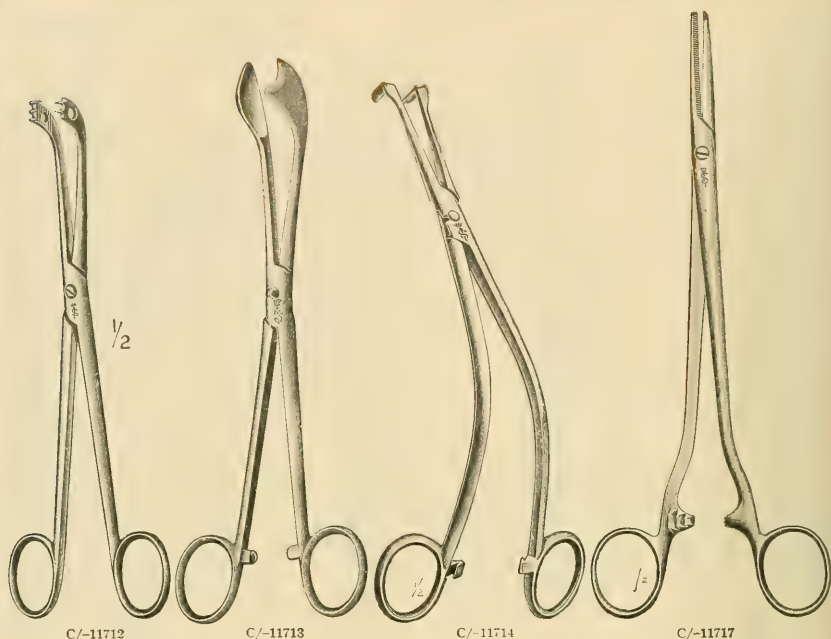


C/-11710

## Forceps, Tonsil, Seizing and Haemostatic

(Continued)

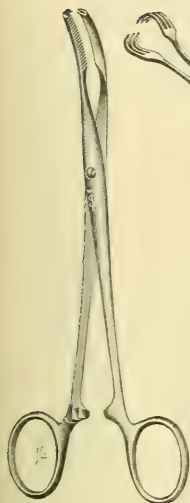
	Each
C/-11695 Canfield's.....	\$ 2.75
C/-11697 Casselberry's.....	2.75
C/-11699 Cullom's.....	3.75
C/-11701 Dean's (Shallcross') Haemostatic..	2.50
C/-11703 Faenger's.....	3.25
C/-11706 Freer's.....	2.50
C/-11710 Hager's, cross-action.....	2.25



### Forceps, Tonsil, Seizing and Haemostatic

(Continued)

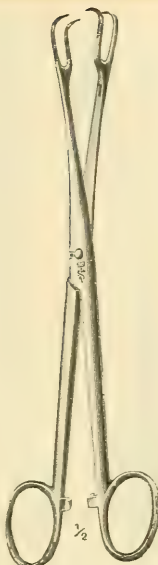
	Each
C/-11712 Hatteroth's.....	\$ 2.50
C/-11713 Ingals'.....	2.50
C/-11714 Ingals' Pillar Separator.....	3.50
C/-11717 Jackson's, haemostatic.....	2.00
C/-11719 Kirkpatrick's.....	2.75
C/-11722 Lerche's.....	2.50



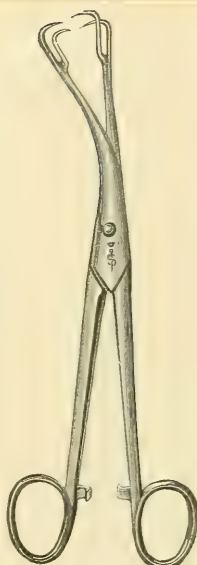
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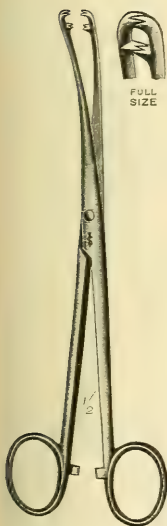
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C/-11728



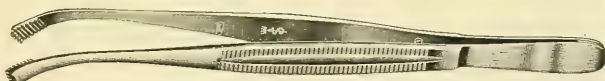
C/-11730



C/-11734



FULL  
SIZE



C/-11735

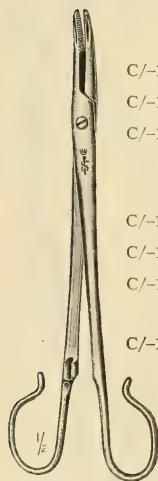
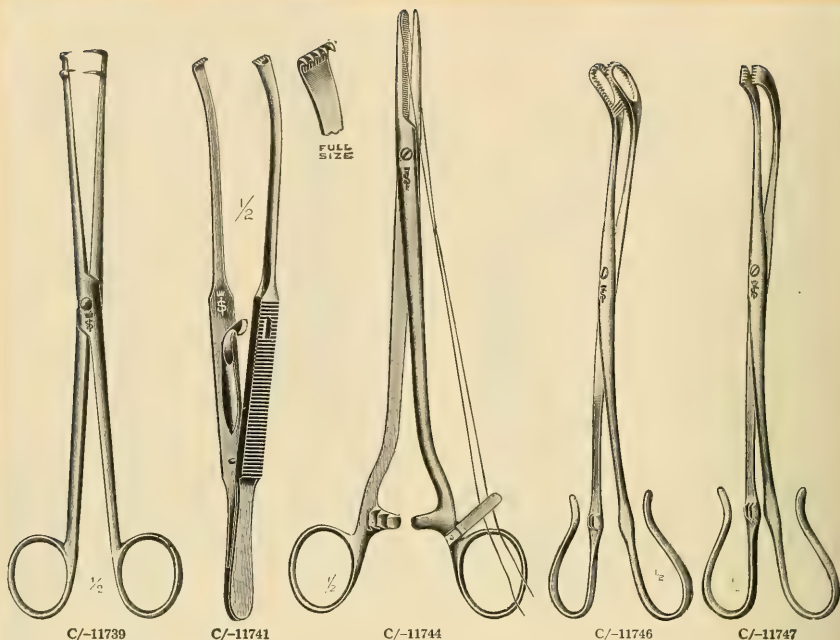


C/-11737

### Forceps, Tonsil, Seizing and Haemostatic

(Continued)

	Each
C/-11724 Mikulicz's (Pierce's), haemostatic.....	\$ 1.75
C/-11726 Moraweck's.....	3.25
C/-11728 Museux's, straight, with catch.....	1.75
*C/-11729 Museux's, straight, without catch.....	1.50
C/-11730 Museux's, curved, with catch.....	1.75
*C/-11731 Museux's, curved, without catch.....	1.50
C/-11734 Page's.....	2.50
C/-11735 Pyncheon's.....	2.50
C/-11737 Richards'.....	3.25



C/-11748

### Forceps, Tonsil, Seizing and Haemostatic

(Continued)

	Each
C/-11739 <b>Roberts'</b> .....	\$ 1.75
C/-11741 <b>Robertson's</b> .....	3.00
C/-11744 <b>Rosenheim-Jackson's</b> , with Schoemaker's attachment for holding ligature; for ligating tonsillar arteries (U. S. Pat.).....	3.50
C/-11746 <b>Royce's</b> , seizing.....	4.00
C/-11747 <b>Royce's</b> , haemostatic and sponge-holding.....	2.75
C/-11748 <b>Sawtell's</b> , pointed, for grasping submerged tonsils and controlling hemorrhage.....	2.50
C/-11764 <b>Schmidt's</b> , haemostatic.....	1.75



C/-11764

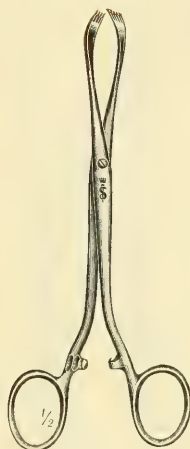




C/-11771



C/-11773



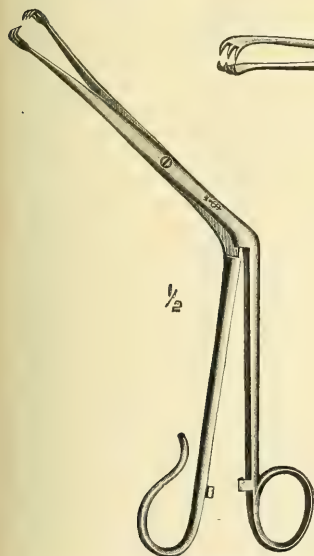
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C/-11780



C/-11783



C/-11785



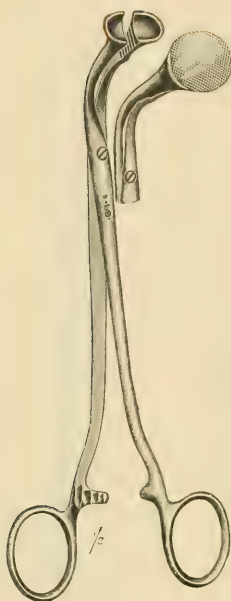
C/-11779

### Forceps, Tonsil, Seizing and Haemostatic

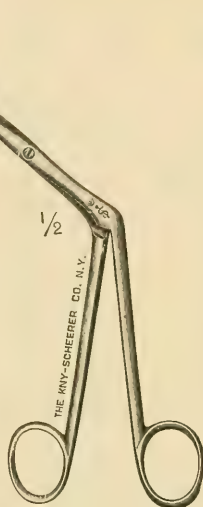
(Continued)

Each

C/-11771	MacCuen Smith's	\$ 2.00
C/-11773	Stein's	2.75
C/-11778	Stevenson's Tissue or Tonsil Artery Forceps	1.25
C/-11779	Swan's	3.50
C/-11780	Swan's, for holding uvula	2.25
C/-11783	Thomson's, peritonsillar abscess	1.75
C/-11785	Tivnen's	3.00



C/-11786



C/-11789

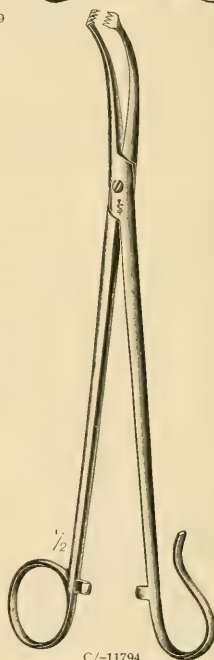


C/-11792

### Forceps, Tonsil, Seizing and Haemostatic

(Continued)

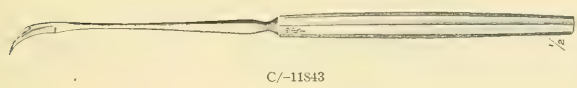
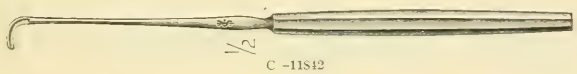
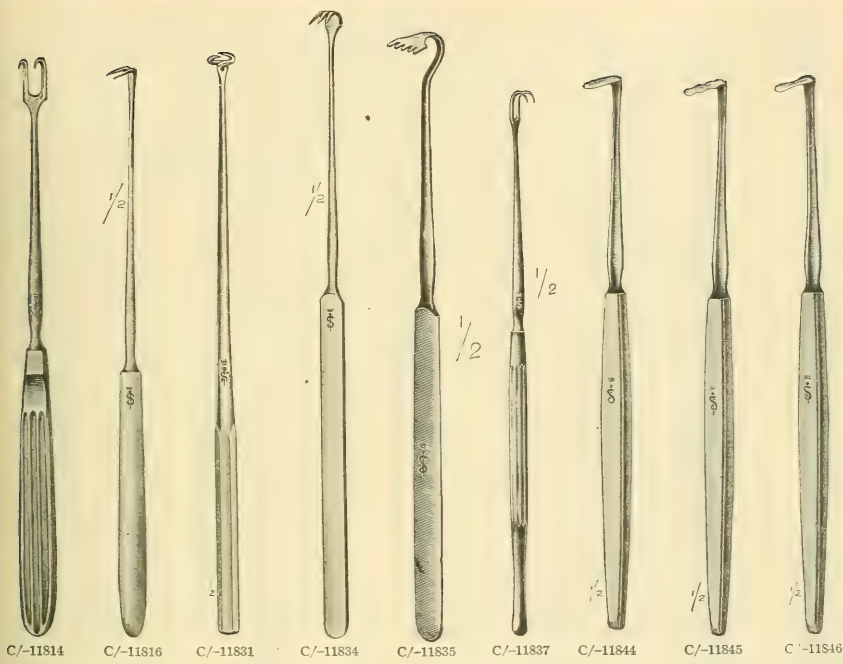
	Each
C/-11786 Tivnen's Sponge Forceps, for tonsil and adenoid operations; cup-shaped to hold gauze sponge.....	\$ 3.00
C/-11789 Tyding's.....	2.00
C/-11792 Watson's.....	2.50
C/-11794 White's.....	2.50
C/-11796 Yankauer's.....	3.00



C/-11794



C/-11796

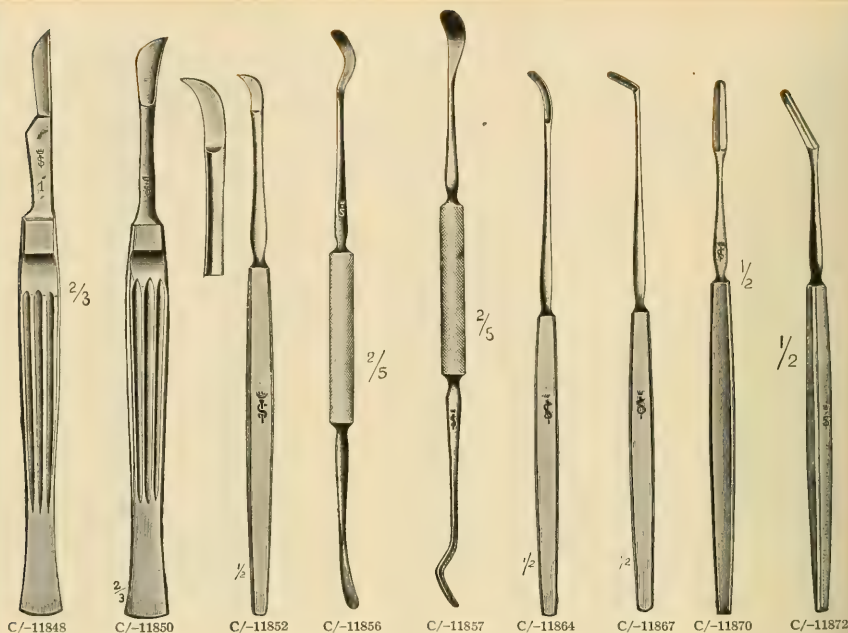


### Hooks and Retractors

	Each
C/-11814 Double-pronged Tonsil Hook.....	\$ 1.25
C/-11816 Boettcher's Tenaculum, 2 prongs..	1.50
C/-11831 Carter's Tenaculum, double spiral..	1.75
C/-11834 Dickinson's Tenaculum, 3 prongs..	1.50
C/-11835 Dickinson's Retractor, blunt, 5 prongs.....	2.00
C/-11837 Freer's Double Tenaculum.....	1.25

### Knives, Separators and Dissectors

	Each
C/-11842 Abraham's Knife, curved, blunt point.....	\$ 2.00
C/-11843 Abraham's Knife, curved, sharp, double edge.....	2.00
C/-11844 Abraham's Knife, right-angle....	2.00
C/-11845 Abraham-Allport's Knife, right-angle.....	2.00
C/-11846 Abraham-Swan's Knife, right-angle	2.00



C/-11848

C/-11850

C/-11852

C/-11856

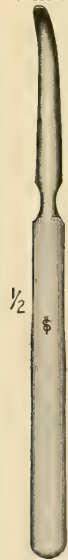
C/-11857

C/-11864

C/-11867

C/-11870

C/-11872



C/-11875



C/-11861

### Knives, Separators and Dissectors

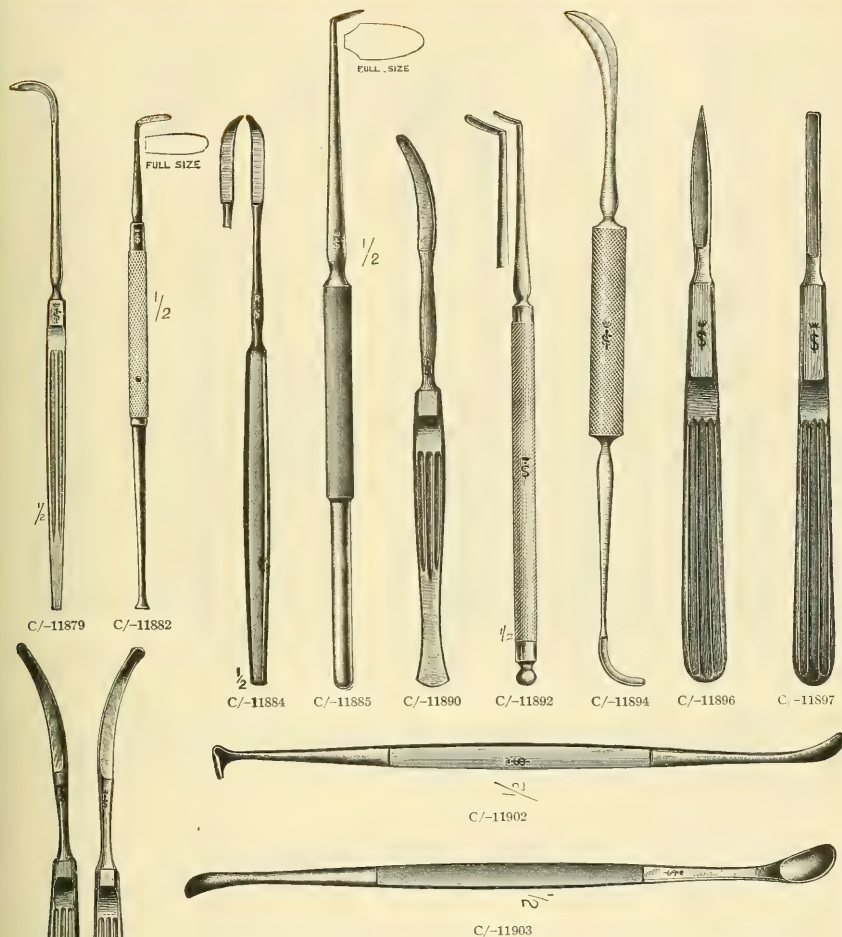
(Continued)

	Each
C/-11848 Ballenger's Knife	\$ 1.50
C/-11850 Beck's Knife	1.50
C/-11852 Canfield's Knife	1.75
C/-11856 Carpenter's Knife and Dissector	2.75
C/-11857 Carpenter's Knife and Enucleating Spoon, latest pattern	2.75
C/-11861 Cullom's, double-ended, right and left	3.50
C/-11864 Day's, curved	1.75
C/-11867 Day's, angular	1.75
C/-11870 Dean's, straight, double-edged	1.75
C/-11872 Dean's, angular on flat, double-edged	1.75
C/-11875 Dickinson's Dissector	1.25
C/-11877 Douglas' Knife	1.75



C/-11877

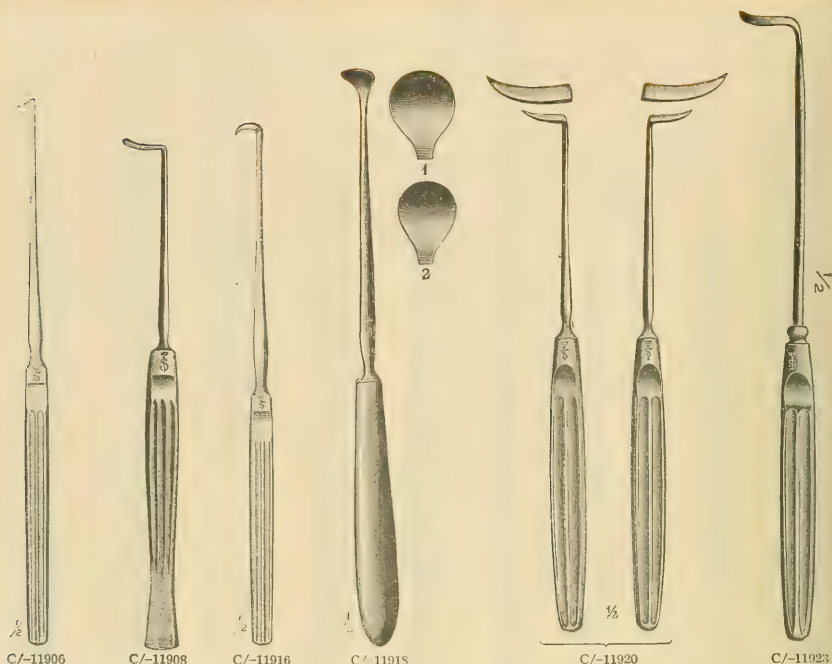




### Knives, Separators and Dissectors

(Continued)

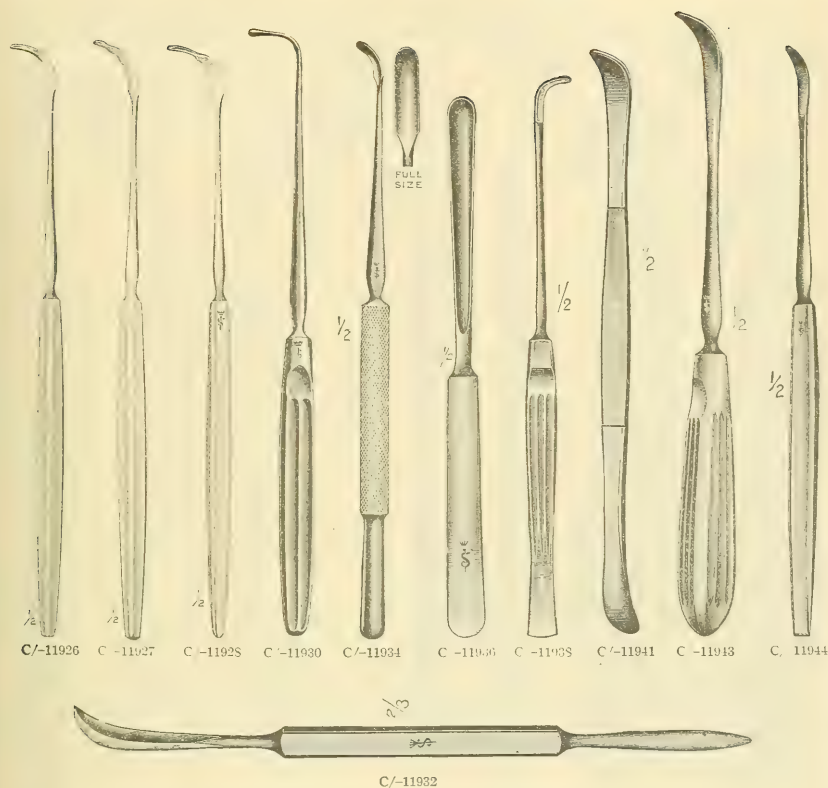
	Each
C/-11879 Eschle's.....	\$ 1.75
C/-11882 Freer's Pillar Separator.....	1.50
C/-11884 Freer's Pillar Knife, right and left.....	2.00
C/-11885 Freer's, angular, 9 1/2 inches long.....	2.50
C/-11890 Greene's.....	1.50
C/-11892 Green's, angular.....	1.75
C/-11894 Harris' Knife and Dissector.....	2.75
C/-11896 Heryng's Knife, sharp-pointed.....	1.50
C/-11897 Heryng's Knife, probe-pointed.....	1.50
C/-11899 Hobb's Knife, right and left.....	2.00
C/-11902 Hurd's Dissector and Pillar Retractor.....	2.25
C/-11903 Hurd-McWhinnie's Dissector and Enucleating Spoon.....	2.50



### Knives, Separators and Dissectors

(Continued)

	Each		Each
C/-11906 Kyle's, crypta.....	\$ 1.50	C/-11914 Millette's Knife and Dissector....	\$ 2.50
C/-11908 Leland's, right or left.....	2.00	C/-11916 Myles'.....	1.50
C/-11912 Martin's, double-ended, for right and left sides; blades serrated on one side.....	3.00	C/-11918 Pierce's, 2 sizes.....	1.75
		C/-11920 Plain, sharp-pointed, right and left	2.25
		C/-11923 Pond's Separator.....	1.50

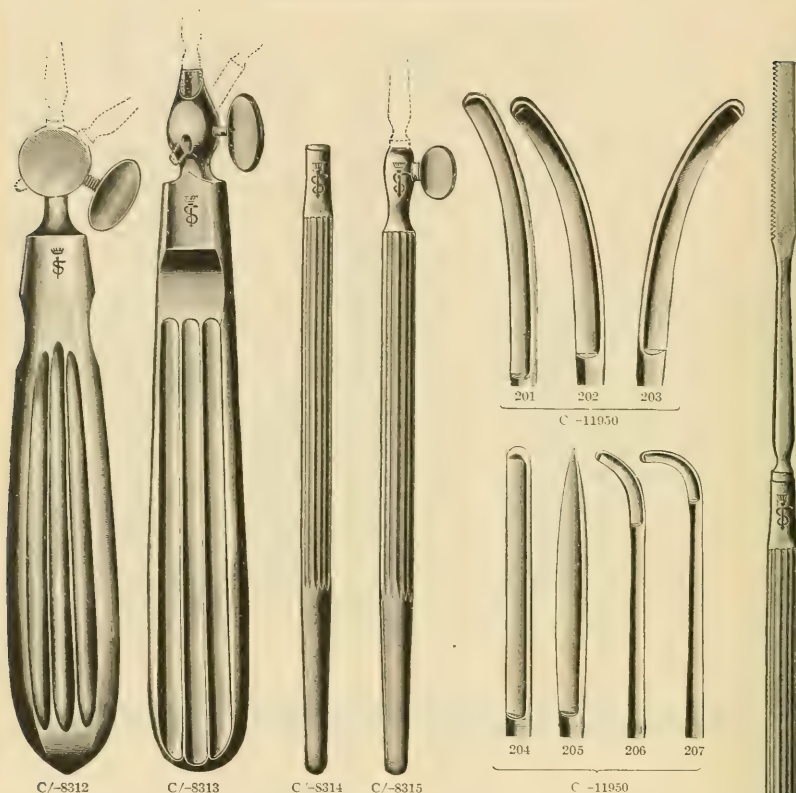


### Knives, Separators and Dissectors

(Continued)

	Each
C/-11926 Robertson's.....	\$ 2.00
C/-11927 Robertson-Allport's.....	2.00
C/-11928 Robertson-Swan's.....	2.00
C/-11930 Schmidt's Separator.....	1.50
C/-11932 Smith's Dissector.....	1.50
C/-11934 Tivnen's Dissector and Enucleator.....	1.75
C/-11936 Todd's Dissector.....	2.00
C/-11938 Tyding's.....	1.75
C/-11941 Winkler's Enucleator, double-ended.....	1.50
C/-11943 Yankauer's Dissector, large.....	2.00
C/-11944 Yankauer's Dissector, small.....	1.50

Illustrations represent the instruments in actual size.



### Universal Tonsil Instruments

	Each
C/-8312 Universal Handle, large pattern, for holding instruments in either straight or angular position . . .	\$ 1.50
C/-8313 Universal Handle, regular pattern, for holding instruments in either straight or angular position . . .	1.25
C -8314 Plain Handle, without set screw . . . . .	.35
C -8315 Plain Handle, with set screw . . . . .	.75
C -11950 Universal Blades, fitting above handles, as follows:	
Fig. 201 <b>Greene's</b> Tonsil Bistoury . . . . .	1.25
Fig. 202-203 <b>Hobb's</b> Tonsil Bistoury, right and left . . . . .	1.25
Fig. 204 <b>Heryng's</b> Tonsil Bistoury, blunt point . . . . .	1.10
Fig. 205 <b>Heryng's</b> Tonsil Bistoury, sharp point . . . . .	1.10
Fig. 206 <b>Day's</b> Tonsil Knife, half-curved . . . . .	1.10
Fig. 207 <b>Tyding's</b> Tonsil Knife . . . . .	1.10

The Tonsil Instruments shown on this and the following pages all have a shank of the same size, to fit the Universal Handles C/-8312 to C/-8315. They comprise a very complete assortment of blades, affording a wide range of patterns from which to make a selection.

Any of the blades can also be furnished with fixed handle (see illustration) at an additional cost of 35 cents each. In ordering, specify "with stationary handle."

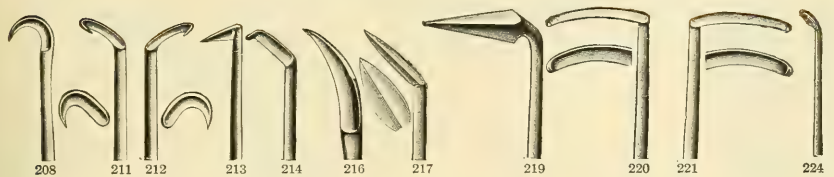
For Universal Ear Instruments, see page 3073.

For Universal Nasal Instruments, see pages 3140-3142.

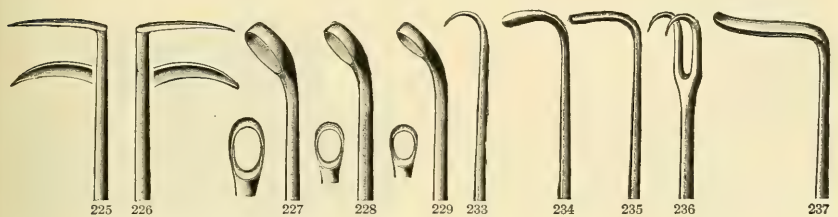
Showing  
Instrument  
with stationary  
handle.



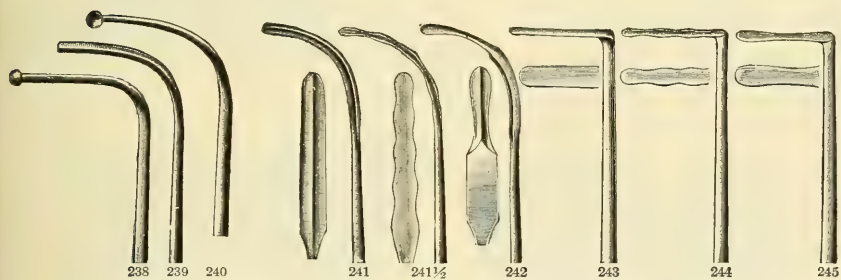
Illustrations represent the instruments in actual size.



C/-11950



C/-11950



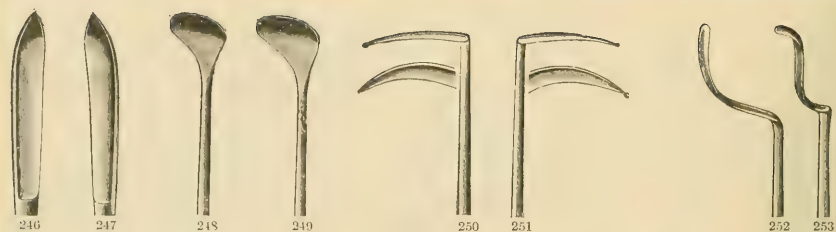
C/-11950

## Universal Tonsil Instruments

(Continued)

C/-11950 Universal Tonsil Instruments, as follows:

	Each		Each
Fig. 208 Myles' Tonsil Knife, full curved.....	\$ 1.25	Fig. 235 Tonsil Hook, plain.....	\$ .65
Fig. 211-212 Myles' Tonsil Knife, right or left.....	1.25	Fig. 236 Tonsil Tenaculum, double.....	1.00
Fig. 213 Kyle's Crypta Knife.....	1.25	Fig. 237 Pond's Tonsil Separator.....	1.00
Fig. 214 Douglas' Tonsil Knife.....	1.25	Fig. 238 Pierce's Tonsil Explorer.....	1.00
Fig. 216 Abraham's Tonsil Knife.....	1.25	Fig. 239 Plain Tonsil Splitter.....	.75
Fig. 217 Pyncheon's Tonsil Knife.....	1.25	Fig. 240 Mackuen's Crypta Curette.....	1.25
Fig. 219 Pierce's Tonsil Knife.....	1.40	Fig. 241 Robertson's Tonsil Knife.....	1.50
Fig. 220-221 Leland's Tonsil Knife, right or left.....	1.25	Fig. 241 1/2 Robertson-Allport's Tonsil Knife.....	1.50
Fig. 224 Abraham's Curette, crypta.....	1.25	Fig. 242 Robertson-Swan's Tonsil Knife.....	1.50
Fig. 225-226 Tonsil Knife, sharp, right or left.....	1.25	Fig. 243 Abraham's Tonsil Knife.....	1.50
Fig. 227-228-229 Meierhof's Curette, 3 sizes.....	1.25	Fig. 244 Abraham-Allport's Tonsil Knife.....	1.50
Fig. 233 Tonsil Tenaculum.....	.65	Fig. 245 Abraham-Swan's Tonsil Knife.....	1.50
Fig. 234 Schmidt's Tonsil Splitter.....	.75		

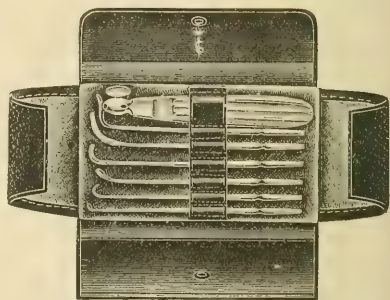


C/-11950

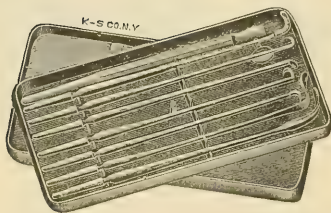
**C/-11950 Tonsil Instruments, with Universal Handle:**

Each

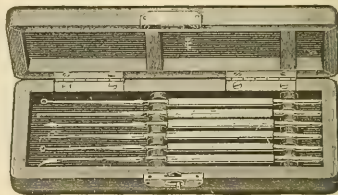
- Fig. 246-247 **Freer's Tonsil Knife**, right and left..... \$ 1.50  
 Fig. 248-249 **Pierce's Knife**, 2 sizes..... 1.25  
 Fig. 250-251 **Leland's Tonsil Knife**, latest pattern, right or left..... 1.50  
 Fig. 252 **Hager's Tonsil Fossae Separator**, bayonet..... 1.75  
 Fig. 253 **Hager's Tonsil Pillar Separator**, double bayonet..... 1.75



C/-11953-54



C/-11956



C/-11958-59

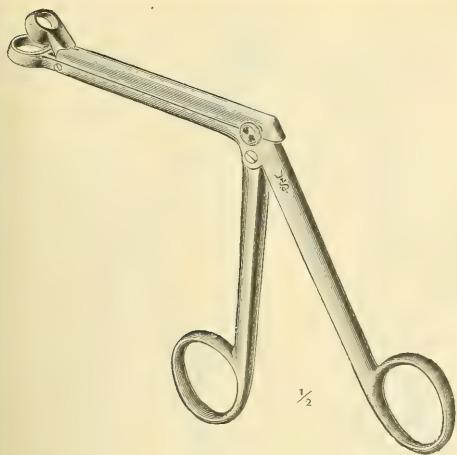
**Tonsil Instrument Sets**

- C/-11953** Set consisting of 1 Universal Handle C/-8313, and a selection of 6 blades C/-11950, in fine folding leather case, complete..... \$ 8.00  
 Empty case..... 1.25
- C/-11954** Set consisting of 2 Universal Handles C/-8313, and a selection of 12 blades C/-11950, in fine folding leather case, complete..... 12.00  
 Empty case..... 1.50

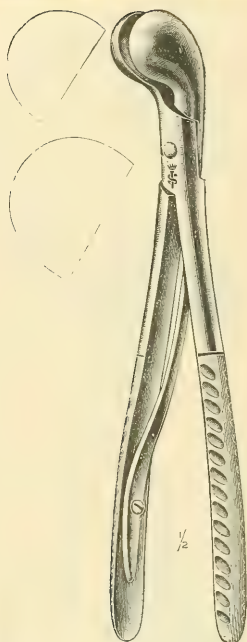
Each

- C/-11956** Set consisting of 1 Universal Handle C/-8315, and a selection of 7 blades C/-11950, in fine metal case, complete..... \$ 8.75  
 Empty case..... 1.50
- C/-11958** Set of 6 Tonsil Instruments C/-11950, each with stationary handle, in fine polished wood case..... 8.00
- C/-11959** Set of 12 Tonsil Instruments C/-11950, each with stationary handle, in fine polished wood case..... 14.50

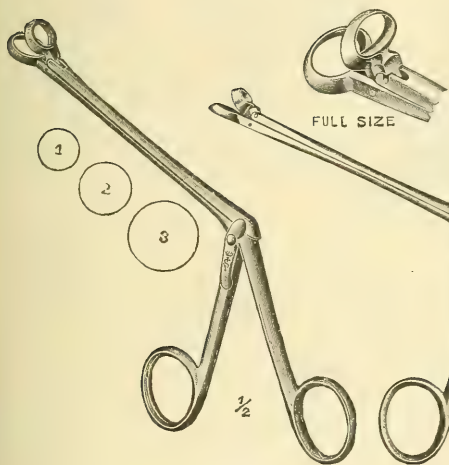
Each



C/-11966



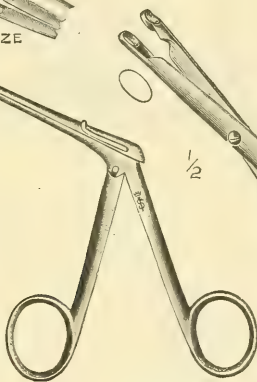
C/-11973-74



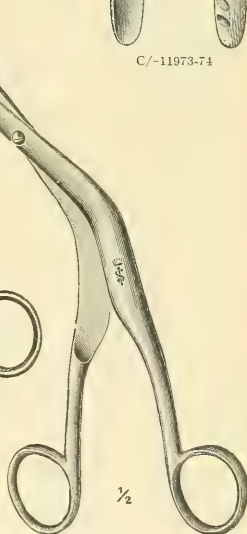
C/-11969



FULL SIZE



C/-11970



C/-11976

### Tonsil Punches

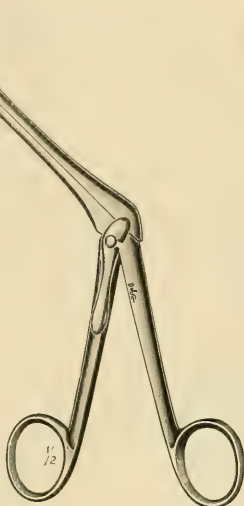
	Each
C/-11966 Farlow's.....	\$ 8.50
C/-11969 Hartmann's, round, 3 sizes.....	7.00
C/-11970 Hartmann's, oval form.....	8.00
C/-11973 Klapp's, small.....	4.50
C/-11974 Klapp's, large.....	5.00
C/-11976 Martin's.....	6.50



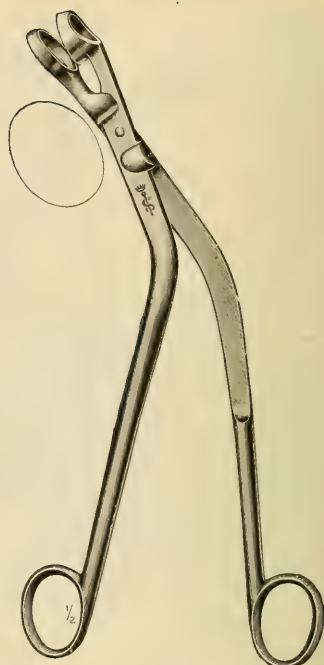
C/-11980



FULL  
SIZE  
C/-11981



C/-11980-S1



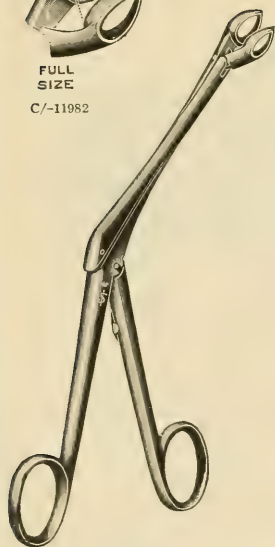
C/-11986



FULL  
SIZE  
C/-11982



C/-11983



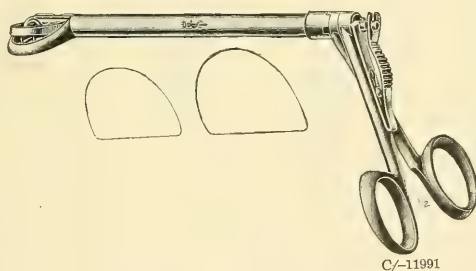
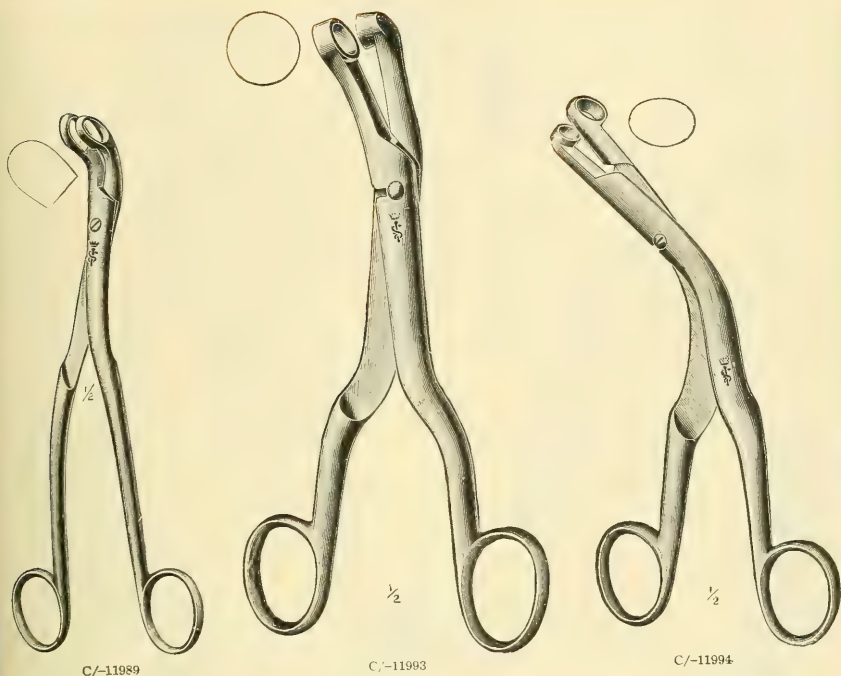
C/-11982-83

## Tonsil Punches

(Continued)

	Each
C/-11980 Myles', oblong shape, straight . . . . .	\$ 8.50
C/-11981 Myles', oblong shape, right or left . . . . .	10.00
C/-11982 Myles', hawk-bill shape, opening laterally . . . . .	8.50
C/-11983 Myles', hawk-bill shape, opening antero-posteriorly . . . . .	8.50
C/-11986 Nikitin's . . . . .	7.50

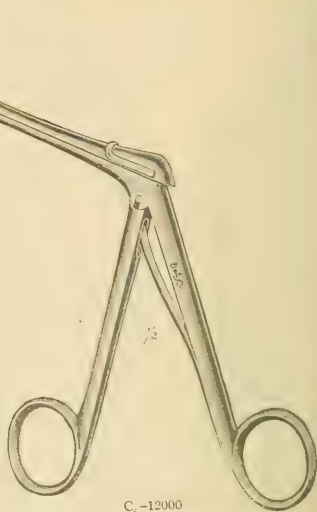
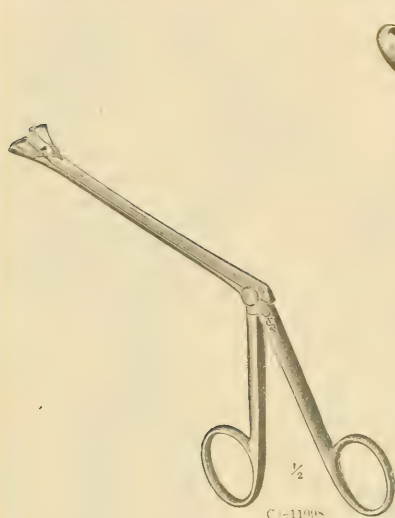




### Tonsil Punches

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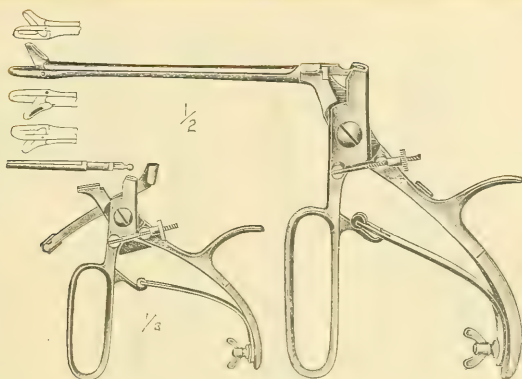
	Each
C/-11989 Rhodes' .....	\$ 8.00
C/-11991 Roberts', reversible to right or left, 2 sizes. ....	9.50
C/-11993 Ruault's, heavy pattern .....	7.50
C/-11994 Ruault's, lighter pattern, right or left .....	7.50



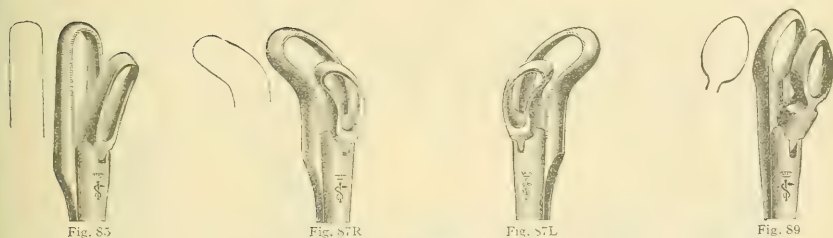
### Tonsil Punches

(Continued)

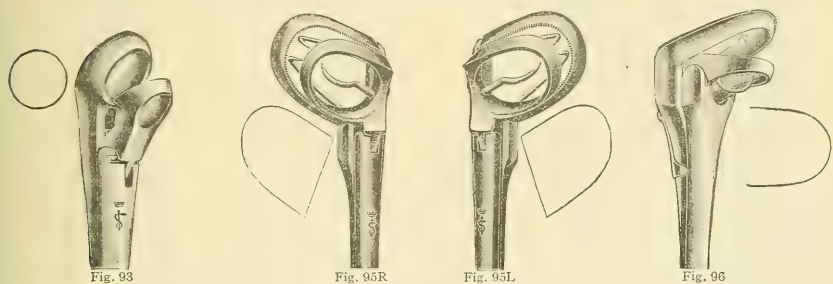
		Each
C/-11995	Ruault's, cutting downward, 3 sizes.....	\$ 7.50
C/-11996	Ruault's, cutting upward, 3 sizes.....	7.50
C/-11998	Schmeden's, triangular shape.....	7.50
C/-12000	Struycken's, 3 sizes.....	9.50



C/-S155



C -S159

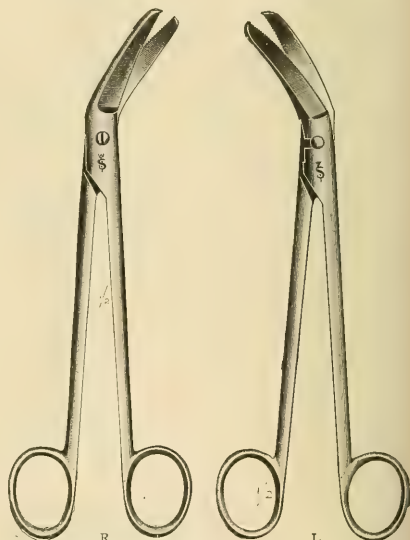
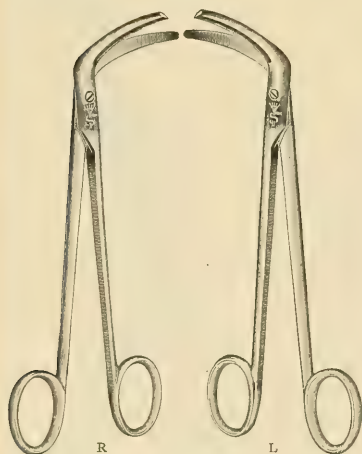
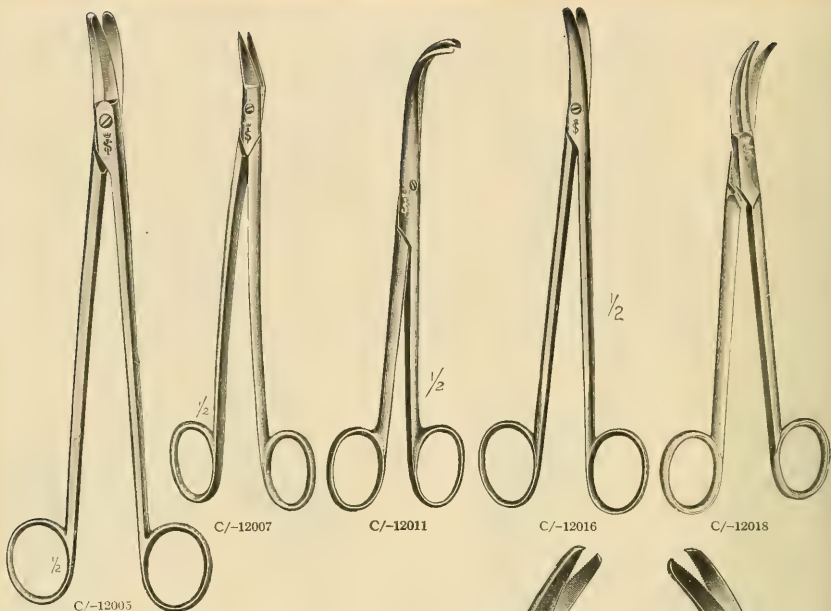


C -S159

### Tonsil Punches, Universal Patterns

	Each
C/-S158 Universal Detachable Handle; handle only.....	\$ 6.00
C/-S159 Tonsil Punches, fitting above handle:	
Fig. 85 Myles', straight.....	6.50
Fig. 87R, 87L Myles', right and left.....	7.50
Fig. 89 Myles', hawk-bill shape.....	6.50
Fig. 93 Struycken's.....	6.50
Fig. 95R, 95L Roberts', right and left.....	9.00
Fig. 96 Roberts', antero-posterior cutting.....	9.00

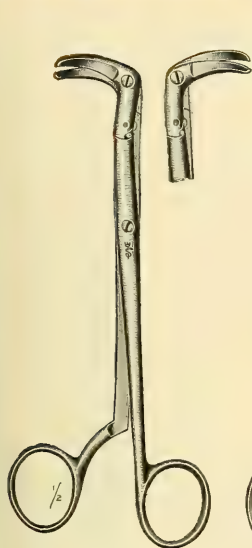
For full assortment of blades fitting this handle, see pages 3132 to 3136.



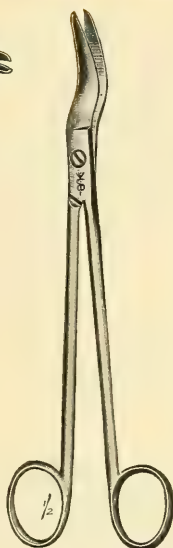
### Tonsil Scissors

	Each		Each
C/-12005 Boettcher's.....	\$ 3.00	C/-12013 Kirkpatrick's, saw edge, right and left .....	\$ 3.00
C/-12007 Dean's.....	2.25	C/-12016 Metzenbaum's, curved, 7 inches .....	2.25
C/-12009 Farrell's, right and left.....	3.75	C/-12018 Prince's.....	2.25
C/-12011 Griffin's.....	3.25		

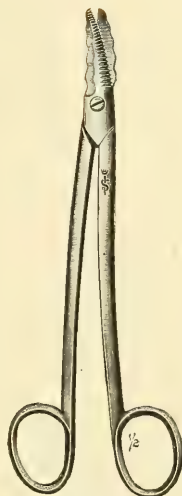




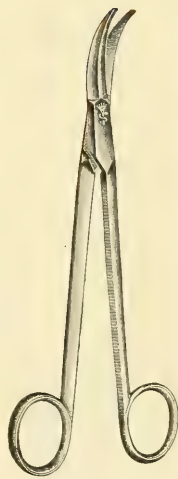
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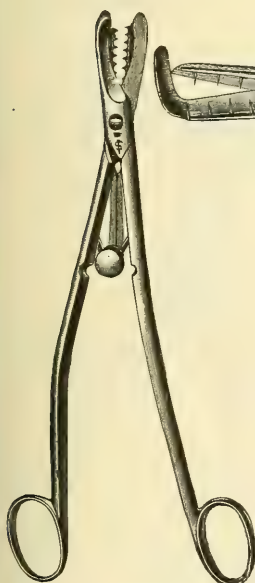
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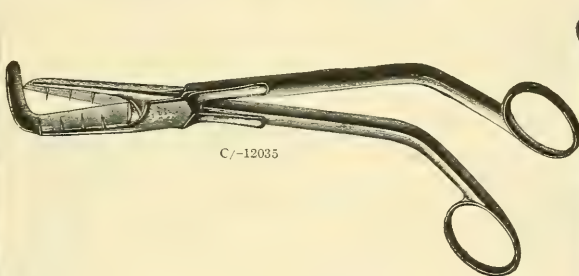
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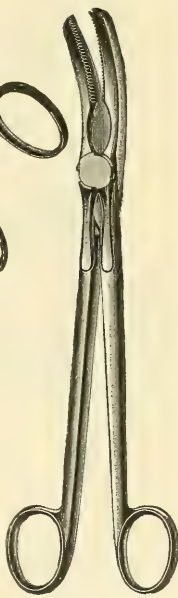
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C/-12033



C/-12035



C/-12037

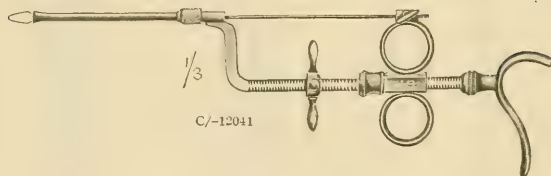
### Tonsil Scissors

(Continued)

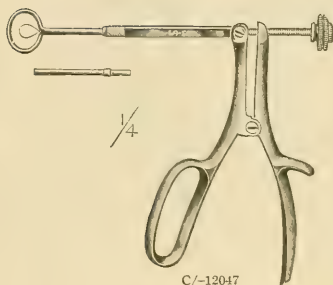
	Each
C/-12020 Robertson's, alligator action, right or left.....	\$ 7.50
C/-12022 Stevenson's.....	4.25
C/-12025 Windle's.....	4.00
C/-12028 Yankauer's, saw-edged.....	2.50

### Uvula Scissors

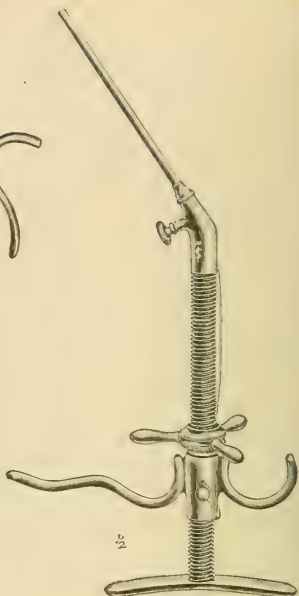
C/-12033 Sajous'.....	5.25
C/-12035 Seiler's.....	5.00
C/-12037 Wood's.....	3.00



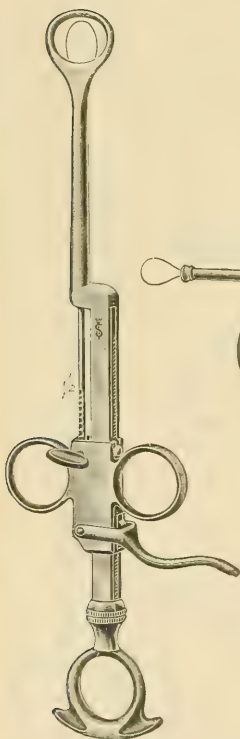
C/-12041



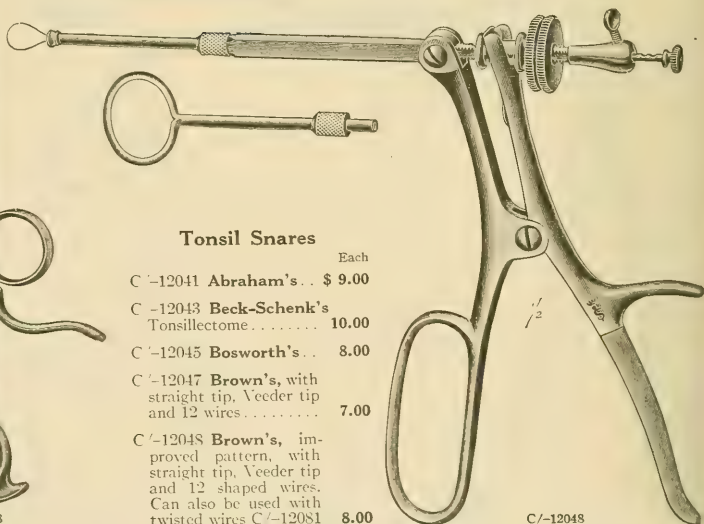
C/-12047



C/-12045



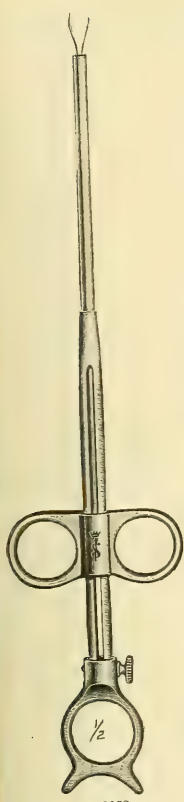
C/-12043



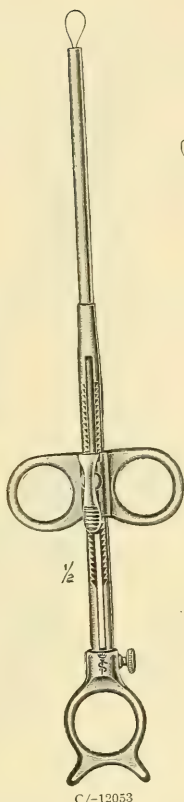
C/-12048

### Tonsil Snares

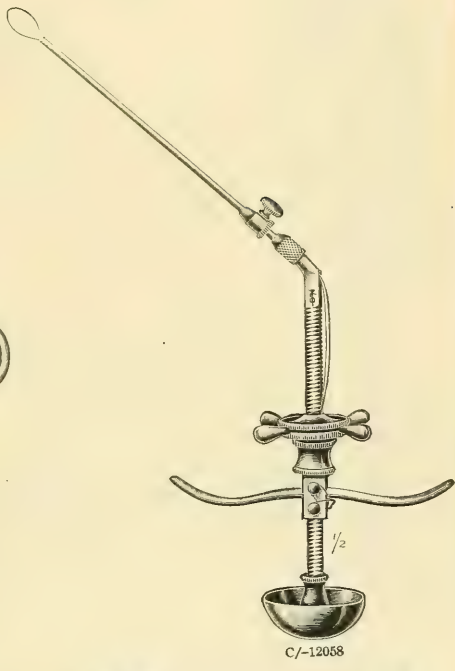
	Each
C/-12041 Abraham's..	\$ 9.00
C/-12043 Beck-Schenk's Tonsillectome.....	10.00
C/-12045 Bosworth's..	8.00
C/-12047 Brown's, with straight tip. Veeder tip and 12 wires.....	7.00
C/-12048 Brown's, im- proved pattern, with straight tip. Veeder tip and 12 shaped wires. Can also be used with twisted wires C/-12081	8.00



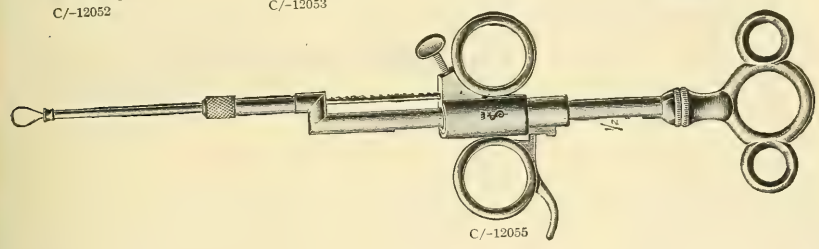
C/-12052



C/-12053



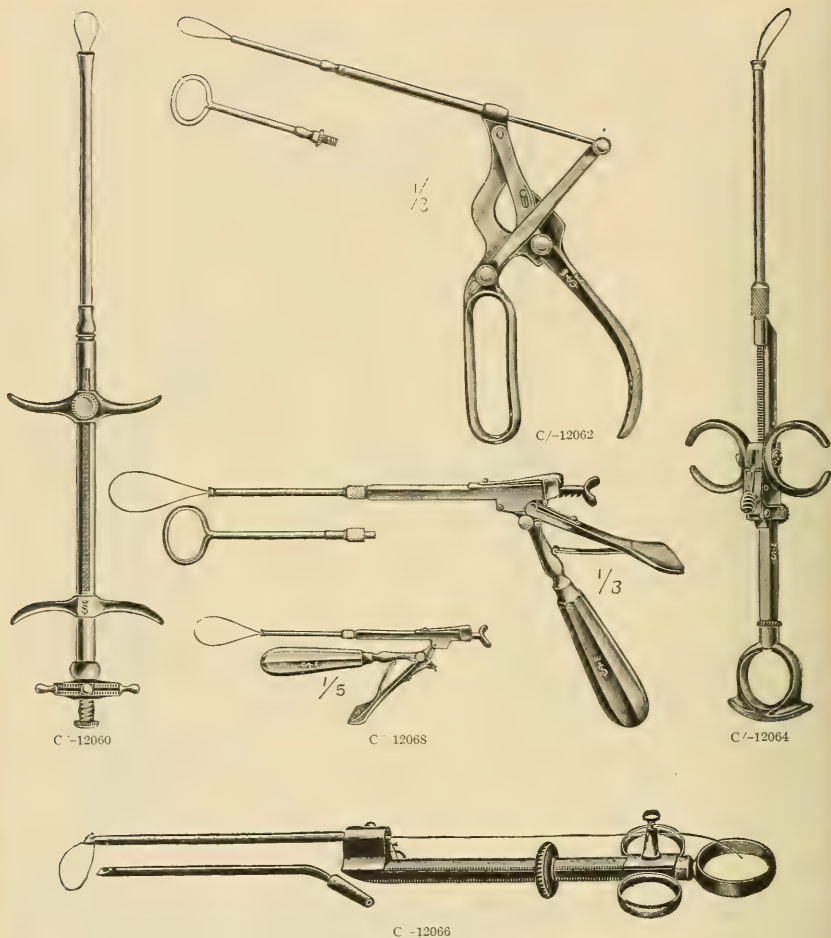
C/-12058



C/-12055

**Tonsil Snares**  
(Continued)

	Each
C/-12052 Eves', plain pattern, with 12 wires.....	\$ 4.25
C/-12053 Eves', with ratchet and 12 wires.....	5.00
C/-12055 Farlow-Boettcher's.....	10.00
C/-12058 Hammond's.....	7.50

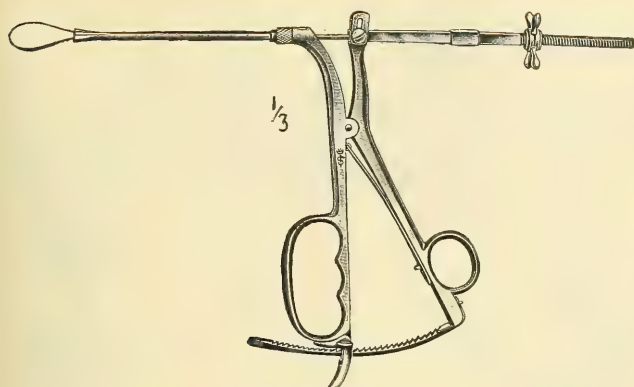


## Tonsil Snares

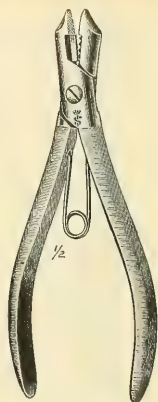
(Continued)

	Each
C-12060 Hill's .....	\$ 8.50
C/-12062 K.-S. Co.'s, with straight tip, Veeder tip and 12 shaped wires .....	6.50
C/-12064 Martin's, with straight tip, Veeder tip and 12 shaped wires .....	7.50
C/-12066 Sloan's .....	4.50
C/-12068 Wright-Hein's, folding .....	7.50

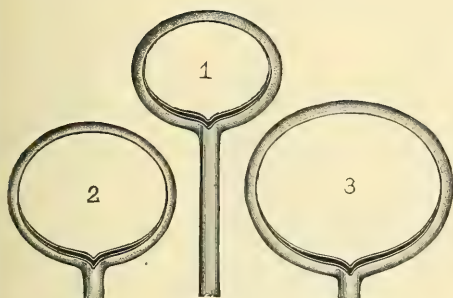




C/-12070



C/-12083



Full Size

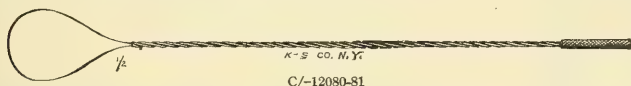
C/-12073



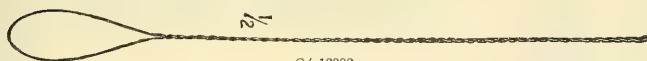
C/-12076



C/-12078



C/-12080-81



C/-12082

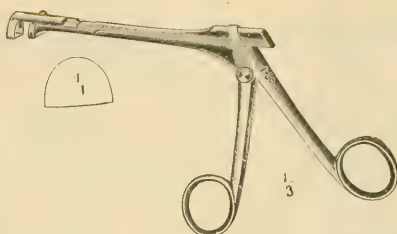
### Tonsil Snares

(Continued)

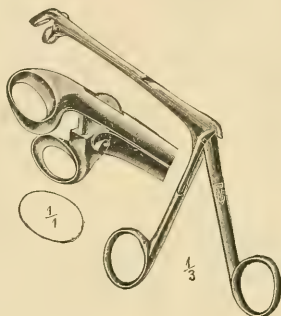
	Each
C/-12070 Wood's.....	\$10.00
C/-12073 Veeder's Snare Tips, 3 sizes .....	1.50
C/-12076 Snare Wires, shaped, for use with stylette .....	dozen .10
C/-12078 Snare Wire, on spools .....	per spool .10
C/-12080 Snare Wires, for use without stylette, on Beck-Schenk's Snare .....	dozen .30
C/-12081 Snare Wires, for use without stylette, on Brown's Snare C/-12048.....	dozen .30
C/-12082 Yankauer's Snare Wires, twisted .....	dozen .30
C/-12083 Forceps, for cutting and shaping wires.....	1.75



C/-12088



C/-12093



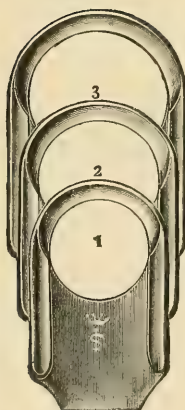
C/-12086



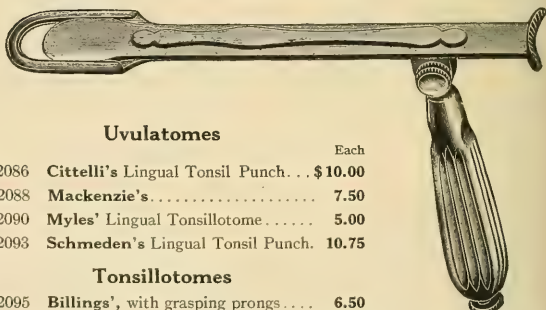
C/-12090



C/-12095



Actual Sizes  
C/-12098



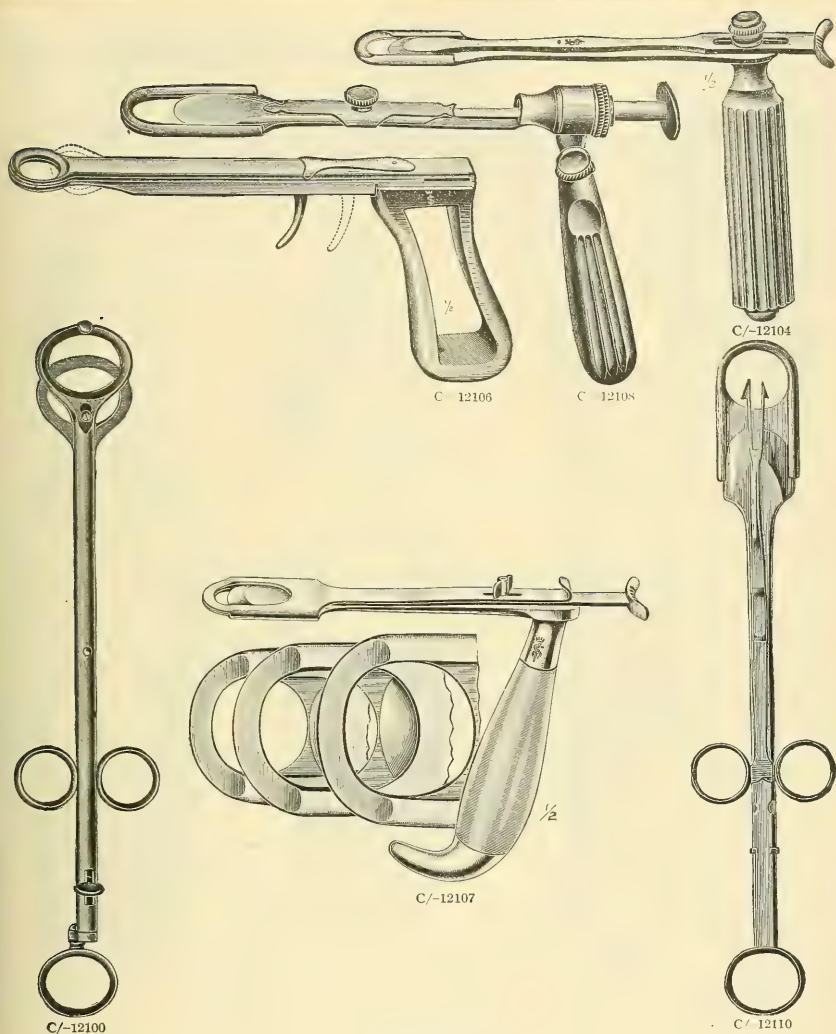
C/-12098

### Uvulatomes

	Each
C/-12086 <b>Cittelli's</b> Lingual Tonsil Punch. . . . .	\$10.00
C/-12088 <b>Mackenzie's</b> . . . . .	7.50
C/-12090 <b>Myles' Lingual Tonsillotome</b> . . . . .	5.00
C/-12093 <b>Schmeden's</b> Lingual Tonsil Punch. . . . .	10.75

### Tonsillotomes

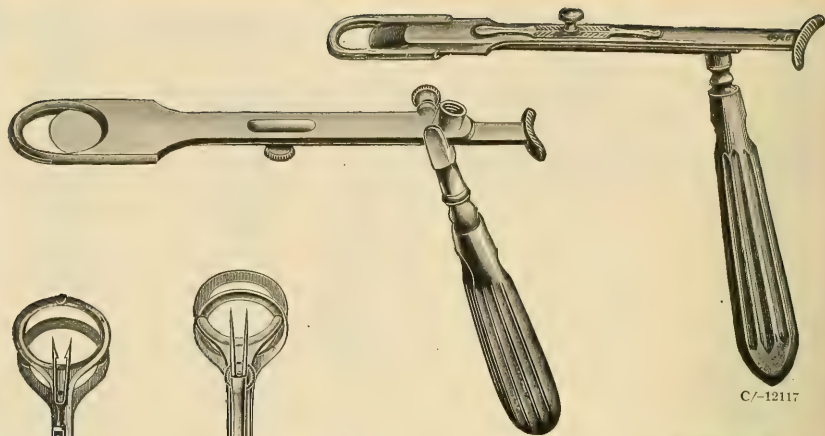
C/-12095 <b>Billings', with grasping prongs</b> . . . . .	6.50
C/-12098 <b>Bishop's, with folding handle, 3 sizes</b> . . . . .	10.00



**Tonsillotomes**

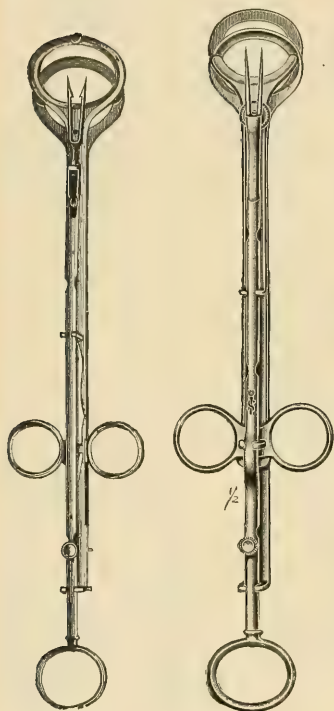
(Continued)

	Each
C/-12100 Casselberry's, 4 sizes (for sizes see next page).....	\$ 5.00
C/-12104 Heath's, 4 sizes (for sizes see next page).....	7.50
C/-12106 Jennings', for the Sluder operation, cuts on the pull. ....	8.50
C/-12107 Jones' (Hugh), 3 sizes. ....	8.00
C/-12108 Mandeville's, rotating, 3 sizes, Nos. 1, 2 and 3 (for sizes see next page...).....	8.00
C/-12110 Marconi's, 4 sizes (for sizes see next page).....	8.00



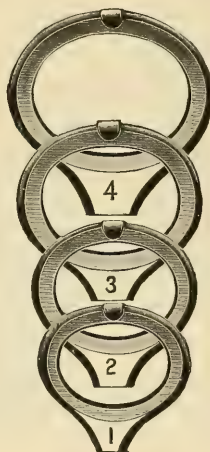
C/-12117

C/-12119



C/-12112

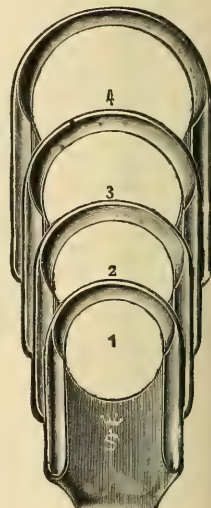
C/-12113



Actual Sizes

C/-12100

C/-12112-113



Actual Sizes

C/-12104-108-110

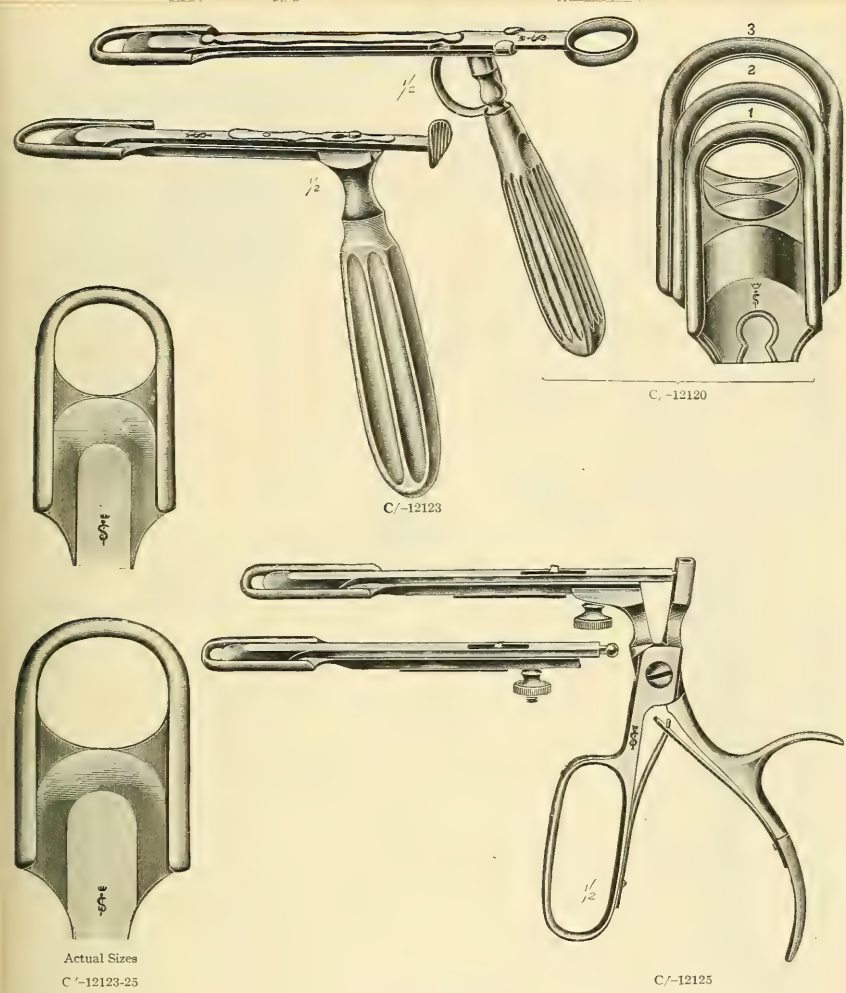
C/-12117-119

### Tonsillotomes

(Continued)

	Each
C/-12112 Mathieu's, original pattern, 4 sizes.....	\$ 5.00
C/-12113 Mathieu-Simplex, improved pattern, 4 sizes.....	4.00
*C/-12115 Mathieu-Simplex, set of 3 blades with 1 handle, in case.....	11.50
C/-12117 MacKenzie's, plain, 4 sizes.....	4.75
C/-12119 MacKenzie-Quinlan's, reversible, 4 sizes.....	6.75

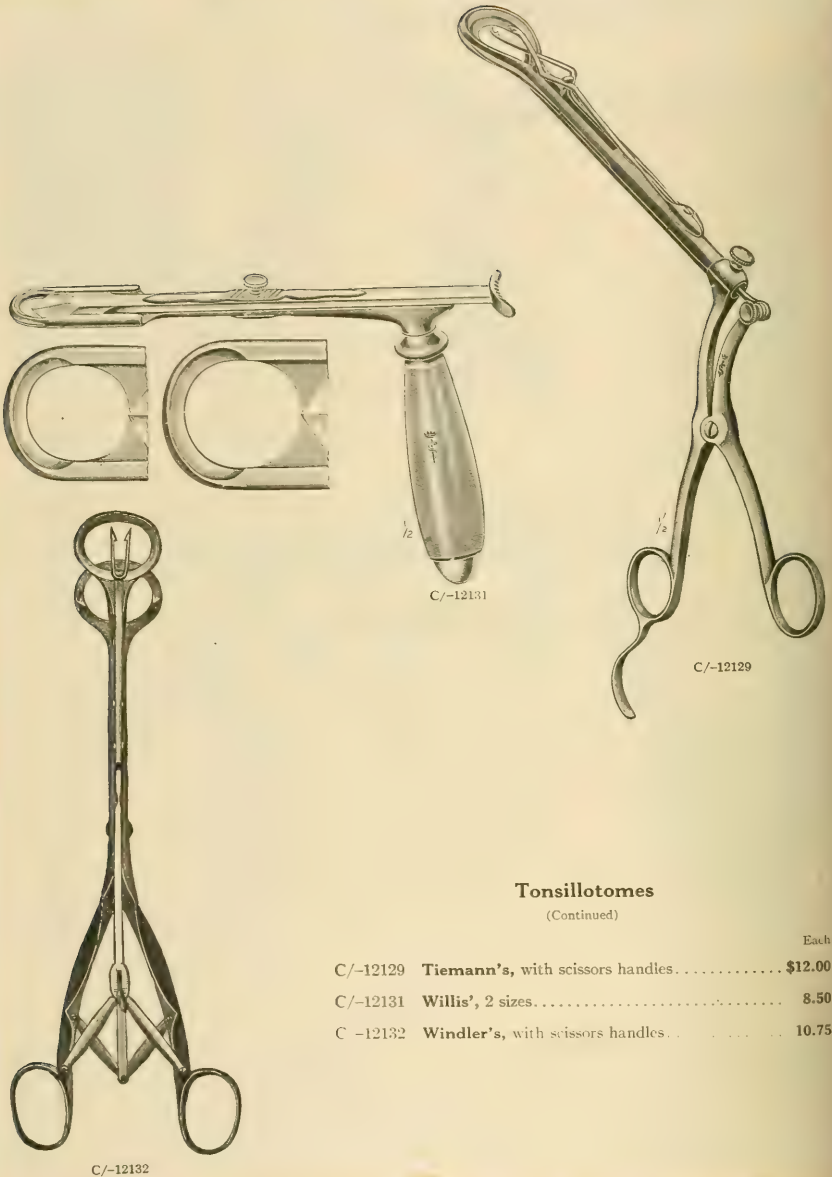




Tonsillotomes

(Continued)

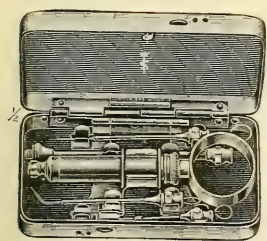
	Each
C/-12120 MacKenzie-Shambough's, 3 sizes .....	\$ 8.50
C/-12123 Sluder's Guillotine, for complete removal of tonsils with the capsule intact; 2 sizes .....	8.50
C/-12125 Sluder-Ballenger's, set of 2 blades with 1 interchangeable handle, complete .....	18.50
Handle only .....	6.00
Blade only, either size .....	6.50



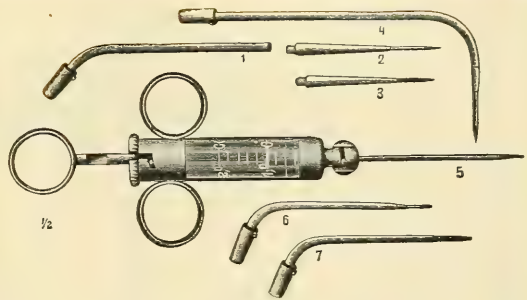
### Tonsillotomes

(Continued)

	Each
C/-12129 Tiemann's, with scissors handles.....	\$12.00
C/-12131 Willis', 2 sizes.....	8.50
C -12132 Windler's, with scissors handles.....	10.75



C/-12137



C/-12139



C/-12142



C/-12145



A



B



C



D

C/-12149



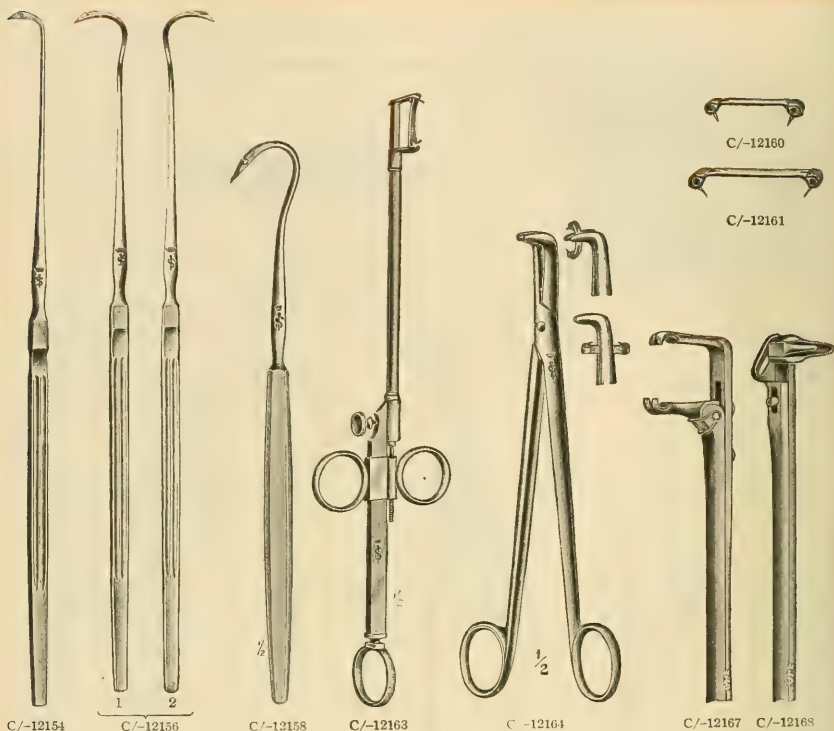
C/-12150



C/-12152-53

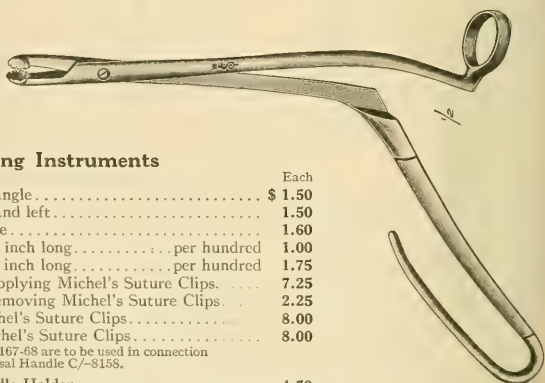
### Tonsil Syringes and Injection Needles

	Each
C/-12137 Tonsil Syringe, all metal, with 3 needles and extension piece, in metal case.....	\$ 4.00
C/-12139 Alexander's "Record" Tonsil, Nose and Throat Syringe, 2 cc., in metal case.....	10.50
C/-12142 Street's Syringe, for injecting tonsils, with straight and curved needle.....	2.50
C/-12145 Horton's Injection Needle.....	.90
C/-12149 Vail's Injection Needle, 4 curves, A, B, C, D.....	.90
C/-12150 Vail's Injection Needle, with guard.....	1.25
C/-12152 Connection Piece, for injecting tonsils, with standard thread....	.75
C/-12153 Connection Piece, to fit "Record" Syringe.....	.75



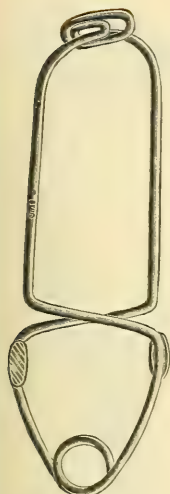
### Tonsil Suturing Instruments

	Each
C/-12154 <b>Durham's Needle</b> , right-angle.....	\$ 1.50
C/-12156 <b>Durham's Needle</b> , right and left.....	1.50
C/-12158 <b>MacCuen Smith's Needle</b> .....	1.60
C/-12160 <b>Michel's Suture Clips</b> , $\frac{5}{8}$ inch long..... per hundred	1.00
C/-12161 <b>Michel's Suture Clips</b> , $\frac{7}{8}$ inch long..... per hundred	1.75
C/-12163 <b>Wagener's Forceps</b> , for applying Michel's Suture Clips.....	7.25
C/-12164 <b>Wagener's Forceps</b> , for removing Michel's Suture Clips.....	2.25
C/-12167 <b>Forceps</b> , for applying Michel's Suture Clips.....	8.00
C/-12168 <b>Forceps</b> , for removing Michel's Suture Clips.....	8.00
These two instruments, C/-12167-68 are to be used in connection with the Universal Handle C/-8158.	
C/-12170 <b>McReynold's Tonsil Needle Holder</b> .....	4.50
C/-12171 <b>McReynold's Needles</b> for same..... dozen	1.00



C/-12170

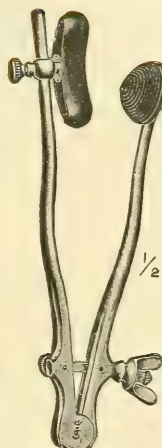




C/-12176



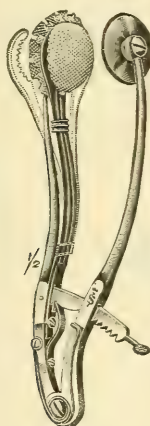
C/-12178



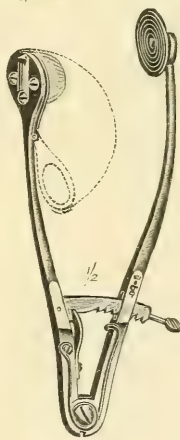
C/-12180



C/-12183



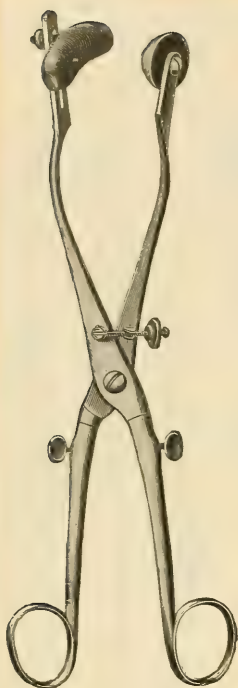
C/-12185



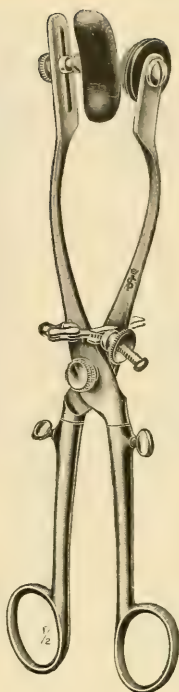
C/-12187

### Tonsil Haemostatic Clamps

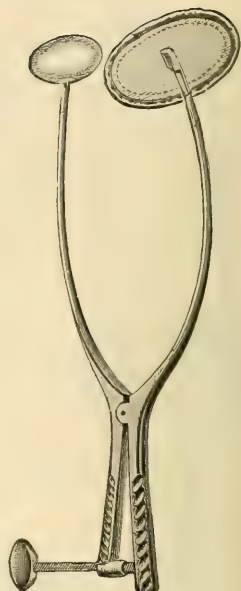
	Each
C/-12176 Austin's .....	\$ 1.50
C/-12178 Beck's. The inner blade is arranged to hold a gauze pad .....	6.50
C/-12180 Boettcher's .....	4.00
C/-12183 Clendinen's .....	2.25
C/-12185 Corwin's, latest pattern, with spring clamps to hold gauze pad .....	5.50
C/-12187 Cullom's, with clamp to hold gauze pad securely on inner blade .....	6.50



C/-12191



C/-12192



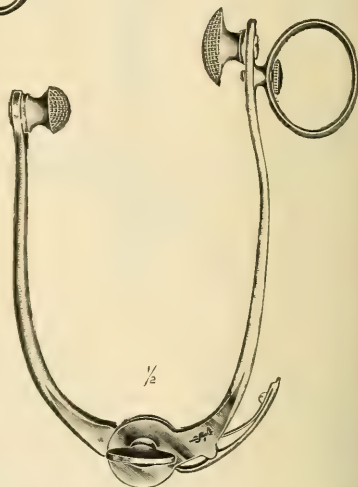
C/-12194

### Tonsil Haemostatic Clamps

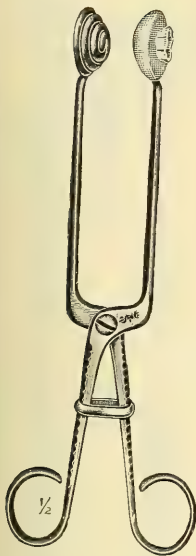
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Each

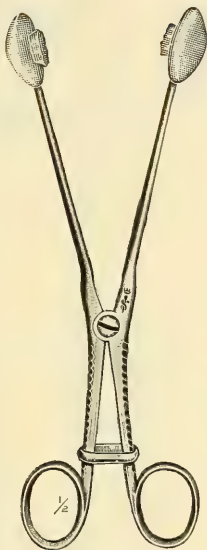
C/-12189	Hurd's, with automatic locking device, pads of aluminum. . . . .	\$ 5.75
C/-12191	Mikulicz-Stoerck's. . . . .	6.50
C/-12192	Mikulicz-Stoerck's, improved pattern, reversible. . . . .	7.25
C/-12194	Ricord's, with leather pads. . . . .	6.75



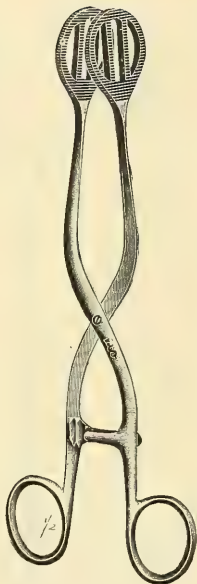
C/-12189



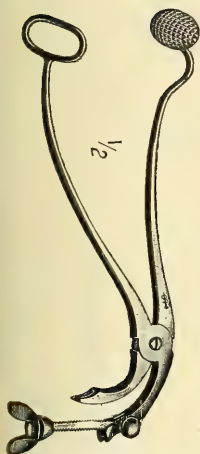
C/-12197



C/-12198



C/-12203

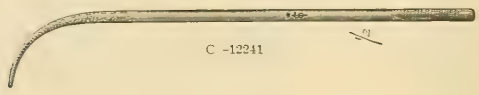
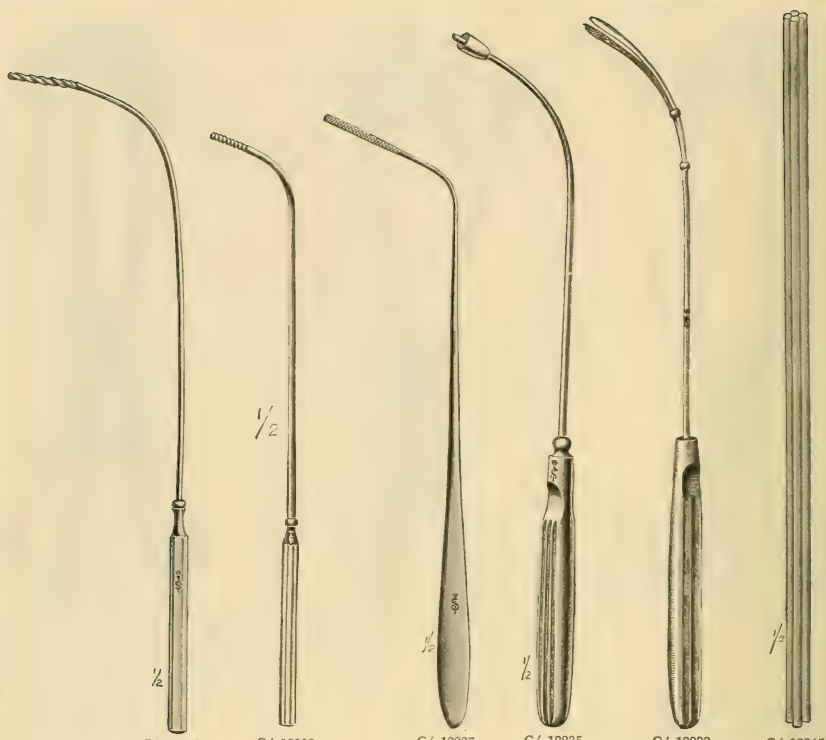


C/-12200

### Tonsil Haemostatic Clamps

(Continued)

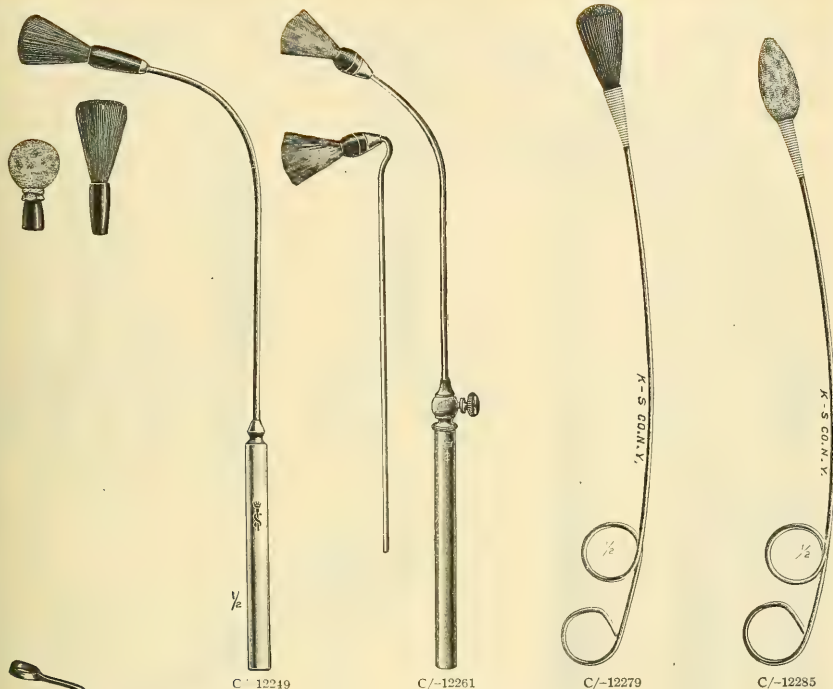
		Each
C/-12197	Stevenson's, with gauze pad on inner blade; can be applied to either side.....	\$ 4.50
C/-12198	Stevenson's, applied with both blades in the mouth, constricting by pressure outward.....	4.50
C/-12200	Tivnen's, pad of aluminum.....	5.50
C/-12203	Watson-Williams' .....	5.00



### Applicators and Cotton Carriers

	Each
C/-12221 Plain, flexible copper, with handle.....	\$ .20
C/-12223 Plain, steel, with handle.....	.25
C/-12227 Fraenkel's.....	.85
C/-12231 Hartmann's.....	1.00
C/-12235 Hope's.....	1.00
C/-12239 Nitsche's.....	1.00
C/-12241 Pyncheon's, aluminum.....	.25
C/-12245 Wooden Applicators.....	per 100 .25





C/-12249

C/-12261

C/-12279

C/-12285



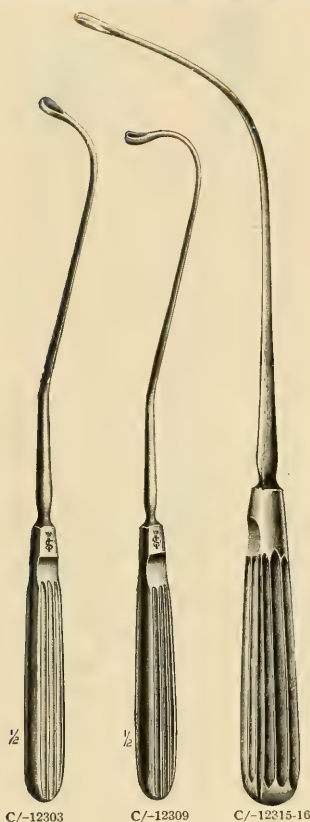
C/-12297

### Brushes

	Each
C/-12249 Set of 2 Camel-hair Brushes and 1 Sponge Tip, fitting metal handle	\$ 1.25
*C/-12255 Extra Brushes for same	.20
C/-12261 <b>Wagner's</b> Set of Throat Brushes, 2 Wire Stems, 1 Universal Handle and 12 Brushes	2.50
*C/-12267 Extra Brushes for same	.15
C/-12279 Throat Brushes, on wire handle.....dozen	\$ .90
C/-12285 Throat Sponges, on wire handle.....dozen	.90
	each .10

### Laryngeal Curettes

C/-12297 <b>Bosworth's</b>	1.75
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C/-12303

C/-12309

C/-12315-16



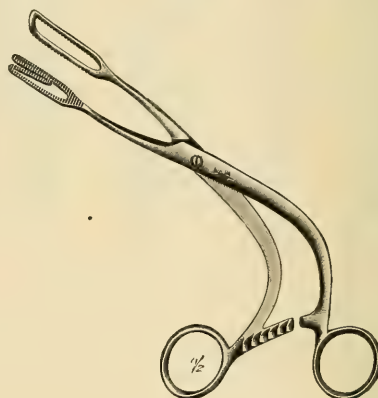
C/-12471



C/-12474



C/-12477



C/-12486

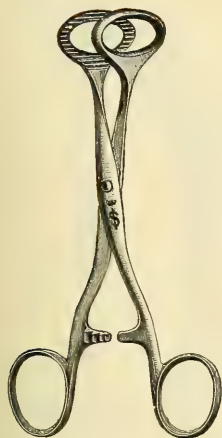
## Laryngeal Curettes

(Continued)

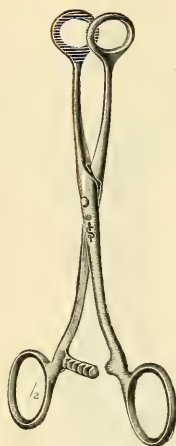
	Each
C/-12303 Cohen's, bent up .....	\$ 2.50
C/-12309 Cohen's, bent down .....	2.50
C/-12315 Krause's, cutting antero-posteriorly .....	2.50
C/-12316 Krause's, cutting laterally .....	2.50

## Tongue Forceps

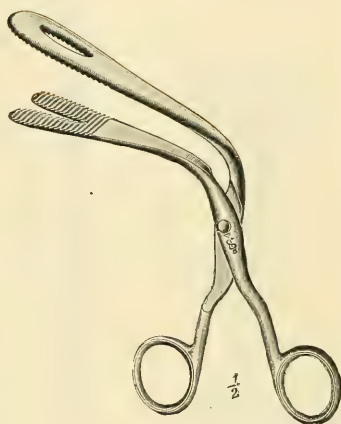
	Each
C/-12471 Berger's .....	2.00
C/-12474 Brophy's, English pattern .....	1.50
C/-12477 Carmalt's .....	2.00
C/-12486 Cohen's .....	2.50



C/-12489



C/-12490



C/-12495



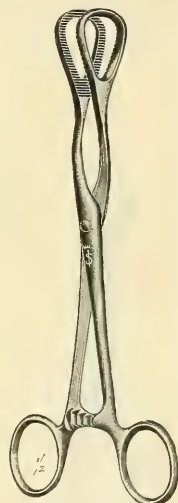
C/-12507



C/-12508



C/-12509

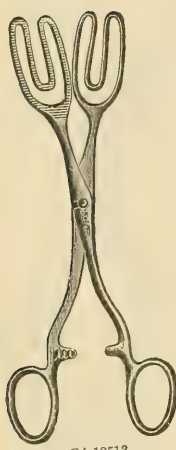


C/-12511

### Tongue Forceps

(Continued)

	Each
C/-12489 Collin's, regular pattern.....	\$ 1.75
C/-12490 Collin's, small, light pattern.....	1.75
C/-12495 Cusco's.....	1.75
C/-12507 Esmarch's, plain.....	1.00
C/-12508 Esmarch's, with catch.....	1.50
C/-12509 Gardner-Bellamy's Tongue Clip.....	1.00
C/-12511 Guy's.....	1.75



C/-12513



C/-12523



C/-12531



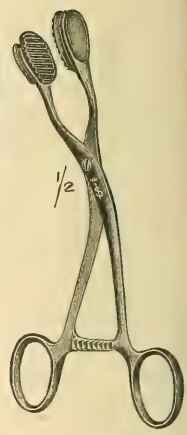
C/-12537



C/-12539



FULL  
SIZE



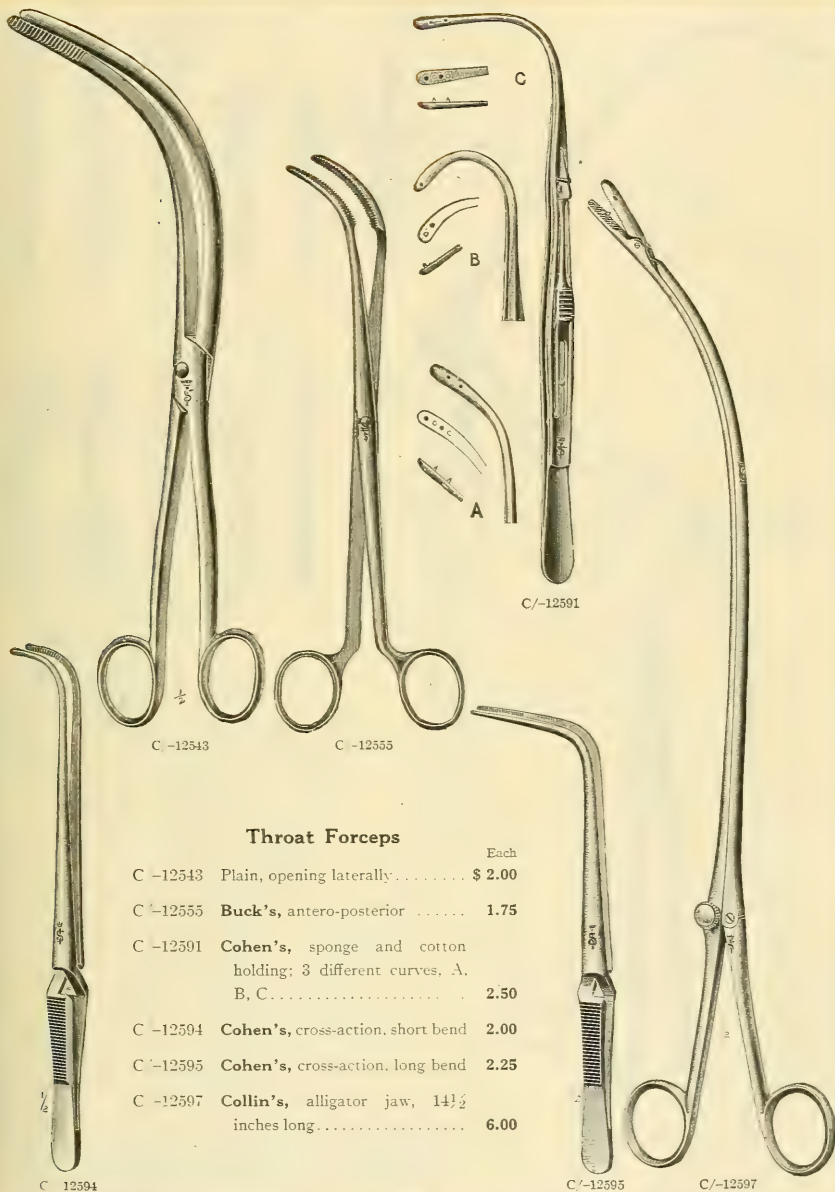
C/-12542

### Tongue Forceps

(Continued)

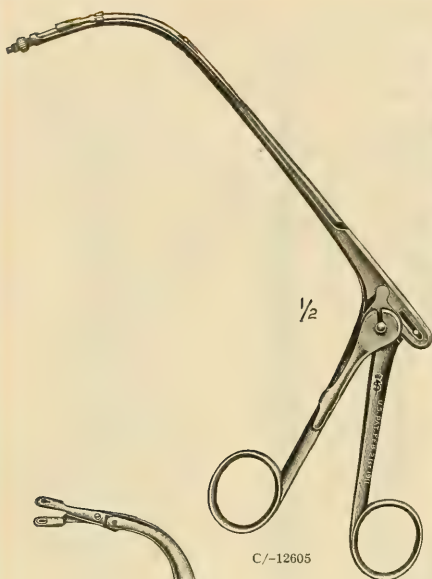
	Each
C/-12513 Houzé's.....	\$ 2.50
C/-12525 Klausner's.....	2.25
C/-12531 Mathieu's.....	1.75
C/-12537 Senn's.....	1.50
C/-12539 Strassmann's, cross-action.....	2.00
C/-12542 Young's, with soft-rubber jaws.....	2.50
Extra soft-rubber pads.....	.35
	per pair



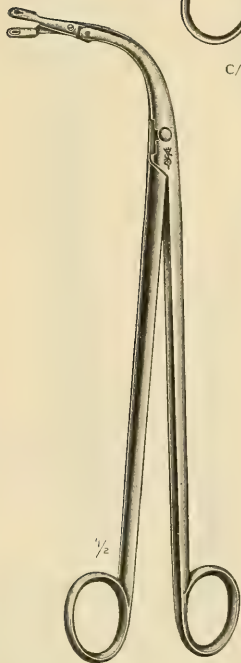


### Throat Forceps

	Each
C-12543 Plain, opening laterally.....	\$ 2.00
C-12555 Buck's, antero-posterior .....	1.75
C-12591 Cohen's, sponge and cotton holding; 3 different curves, A, B, C.....	2.50
C-12594 Cohen's, cross-action, short bend	2.00
C-12595 Cohen's, cross-action, long bend	2.25
C-12597 Collin's, alligator jaw, 14½ inches long.....	6.00



C/-12605



C/-12603

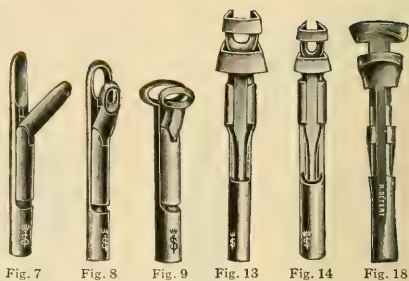


Fig. 7

Fig. 8

Fig. 9

Fig. 13

Fig. 14

Fig. 18

C/-12608

Attachments are shown in actual size.



Fig. 19

Fig. 21

Fig. 22

Fig. 27

Fig. 31

Fig. 36

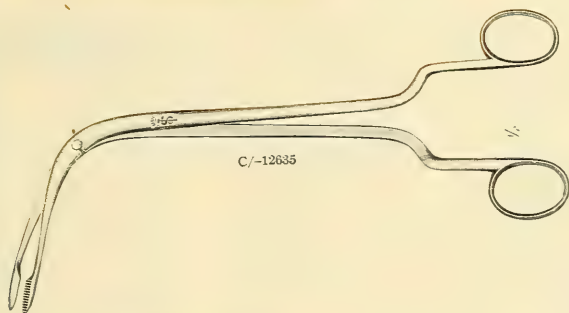
C - 12608

**Throat Forceps**

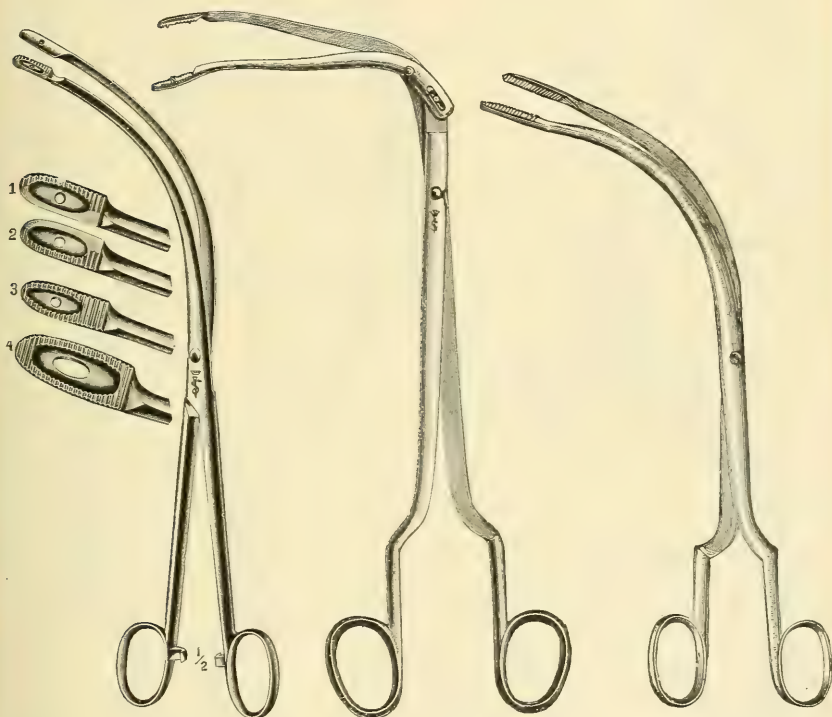
(Continued)

		Each
C/-12603	Cusco's, double-jointed . . . . .	\$ 5.50
C/-12605	"Detlenk"-Kuttner's Universal Handle for Laryngeal Cutting Forceps, handle only.	18.00
C/-12608	Laryngeal Cutting Forceps Attachments, fitting the "Detlenk"-Kuttner Handle, patterns Figs. 7 to 36, as follows:	
Fig. 7	Fraenkel's Cutting Forceps, straight . . . . .	7.25
Fig. 8	Krause's Oval-shape Cutting Forceps, fenestrated blades . . . . .	8.75
Fig. 9	Oval-shape Cutting Forceps, fenestrated blades, broad . . . . .	8.75
Fig. 13	Cordes' Curette Forceps, broad angular cut, large size . . . . .	9.25
Fig. 14	Cordes' Curette Forceps, broad angular cut, medium size . . . . .	9.25
Fig. 18	Cordes' Curette Forceps, flat arch shape, large size . . . . .	9.25
Fig. 19	Cordes' Curette Forceps, narrow arch shape, medium size . . . . .	9.25
Fig. 21	Cordes' Curette Forceps, half-round shape, very small size . . . . .	9.25
Fig. 22	Scheinmann's Scoop-shape Cutting Forceps, angular, for subglottic tumors . . . . .	8.25
Fig. 27	Rosenberg's Cutting Forceps, angular shape . . . . .	8.25
Fig. 31	Struycken's Cutting Forceps . . . . .	8.50
Fig. 36	Landgraf's Curette Forceps . . . . .	8.50

The "Detlenk"-Kuttner Universal Laryngeal Forceps are provided with the "Detlenk" double-action joint by means of which the two parts forming the cutting jaw are moved against one another, the one being pushed forward while the other is pulled back, providing a very powerful cutting action, without transmitting any rocking or bobbing motion to the distal end of the instrument when the handles are closed.



C/-12635



C/-12621

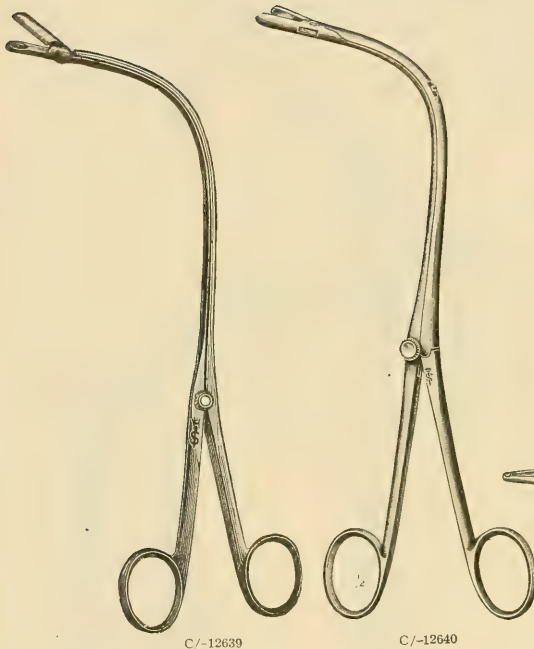
C/-12627

C/-12633

### Throat Forceps

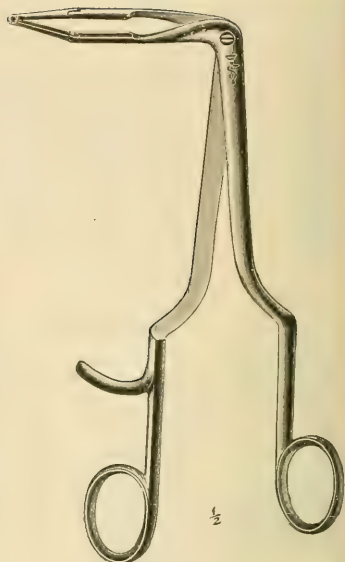
(Continued)

	Each
C/-12621 Fauvel's, plain pattern, 4 sizes.....	\$ 2.50
C/-12627 Fauvel's, articulated pattern.....	4.50
C/-12633 Fraenkel's, plain pattern, antero-posterior.....	2.25
C/-12635 Fraenkel's plain, light pattern, antero-posterior.....	2.25

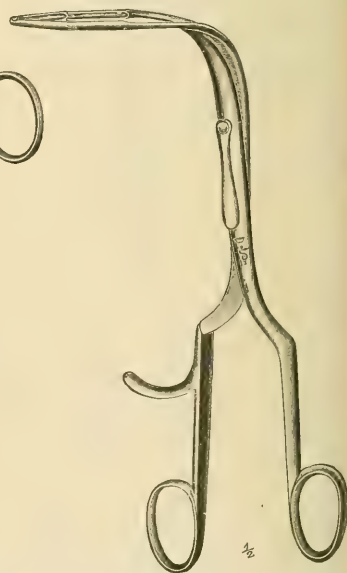


C/-12639

C/-12640



C/-12648



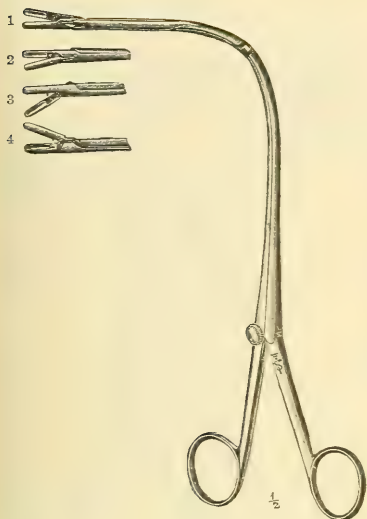
C/-12649

### Throat Forceps

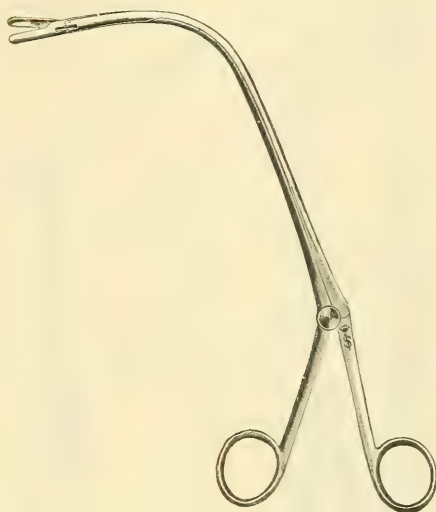
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	Each
C/-12639 <b>Fraenkel's</b> , cutting jaw, alligator action, antero-posterior opening.....	\$ 7.00
C/-12640 <b>Fraenkel's</b> , cutting jaw, alligator action, lateral opening.....	7.00
C/-12648 <b>Dundas-Grant's</b> , double-jointed, opening antero-posteriorly.....	10.50
C/-12649 <b>Dundas-Grant's</b> , double-jointed, opening laterally.....	10.50

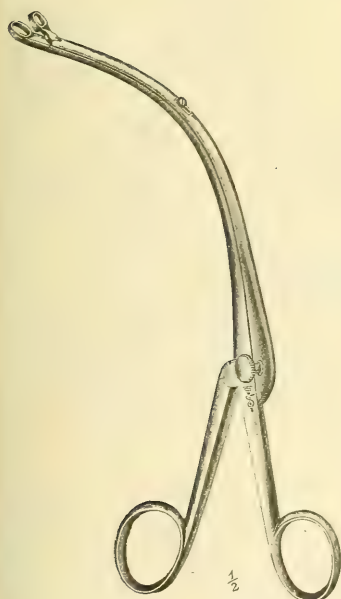




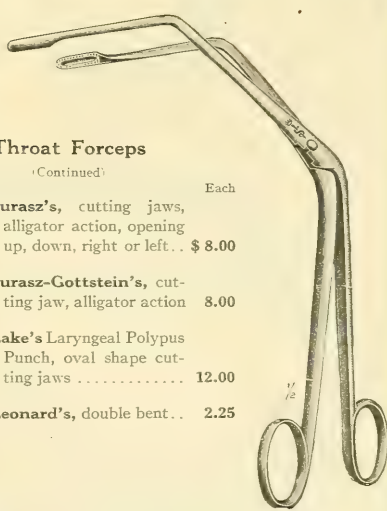
C/-1265S



C/-12659



C/-12667



C/-12669

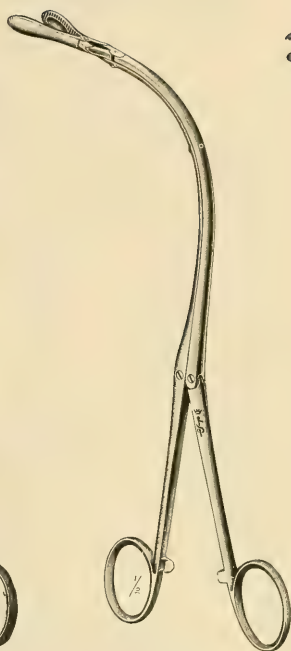
# Throat Forceps

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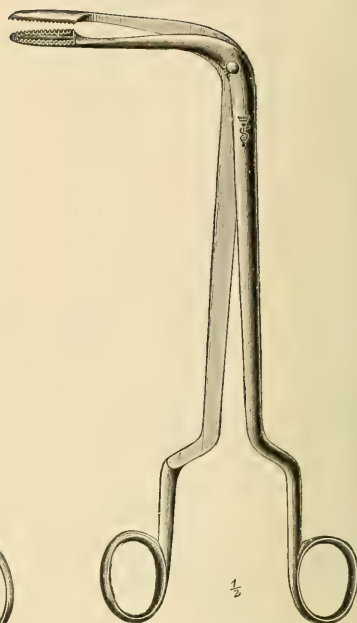
	Each
C/-12658 <b>Jurasz's</b> , cutting jaws, alligator action, opening up, down, right or left..	\$ 8.00
C/-12659 <b>Jurasz-Cottstein's</b> , cutting jaw, alligator action	8.00
C/-12667 <b>Lake's</b> Laryngeal Polypus Punch, oval shape cutting jaws .....	12.00
C/-12669 <b>Leonard's</b> , double bent..	2.25



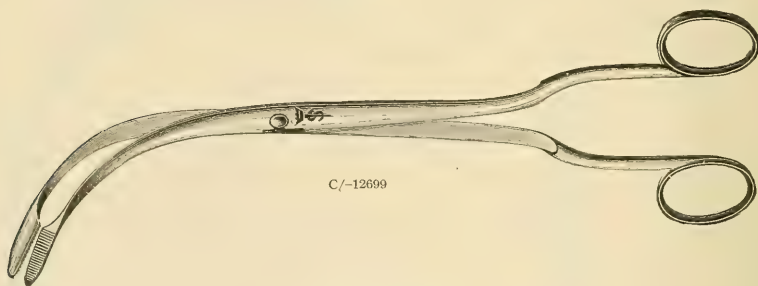
C/-12675



C/-12681



C/-12693

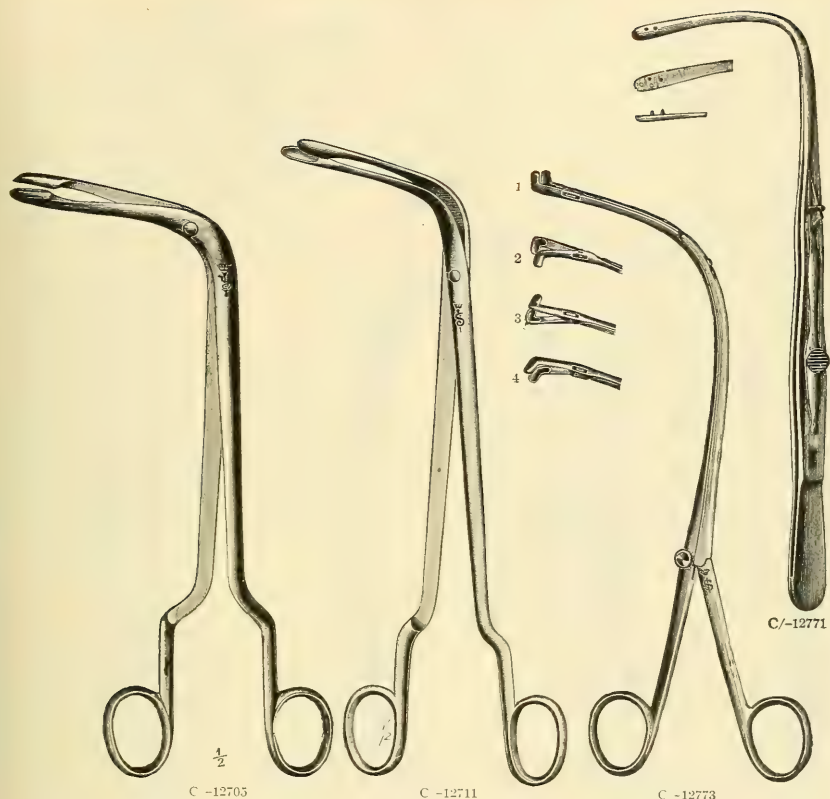


C/-12699

### Throat Forceps

(Continued)

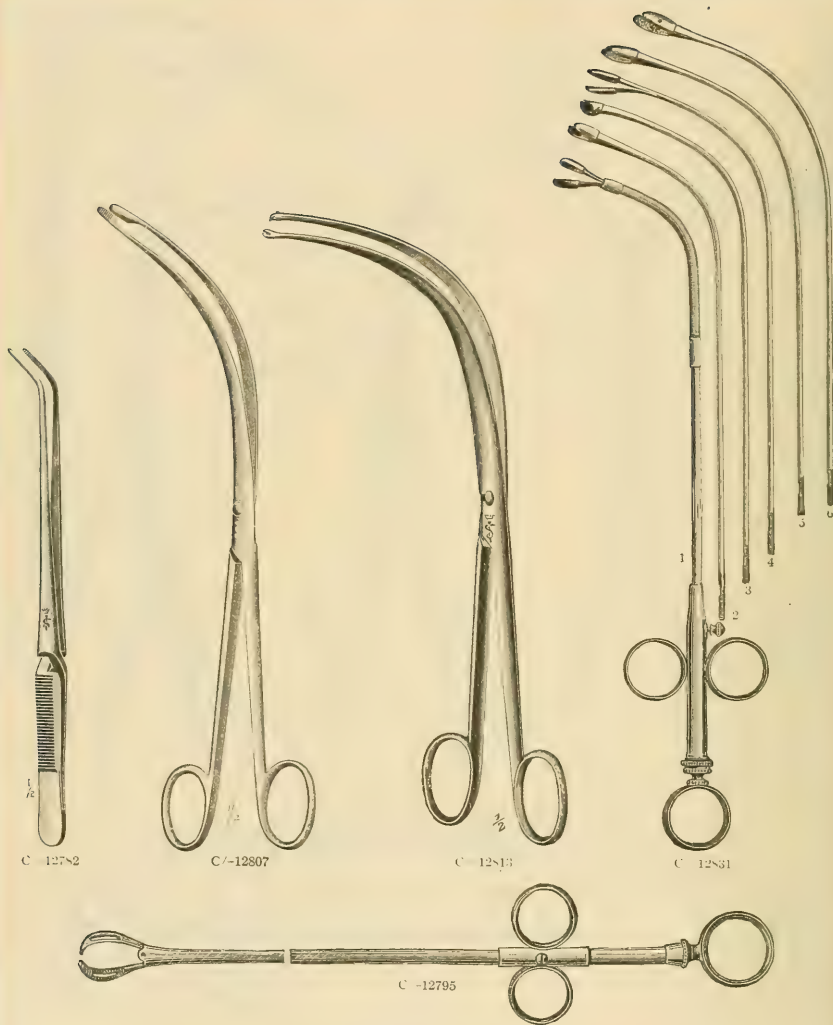
	Each
C/-12675 Luer's, alligator action, opening antero-posteriorly .....	\$ 6.00
C/-12681 Luer's, alligator action, opening laterally .....	6.00
C/-12693 MacKenzie's, plain, opening antero-posteriorly .....	2.25
C/-12699 MacKenzie's, plain, opening laterally .....	2.25



### Throat Forceps

(Continued)

	Each		Each
C/-12705 MacKenzie's, cutting jaws, opening antero-posteriorly .....	\$ 2.50	C/-12771 Sajous', with slide catch .....	\$ 2.50
C/-12711 MacKenzie's, cutting jaws, opening laterally .....	2.50	C/-12773 Scheinmann's, cutting jaws, 4 patterns .....	8.50
		C/-12777 Moritz Schmidt's, cutting jaws, with 4 attachments.....set	12.00

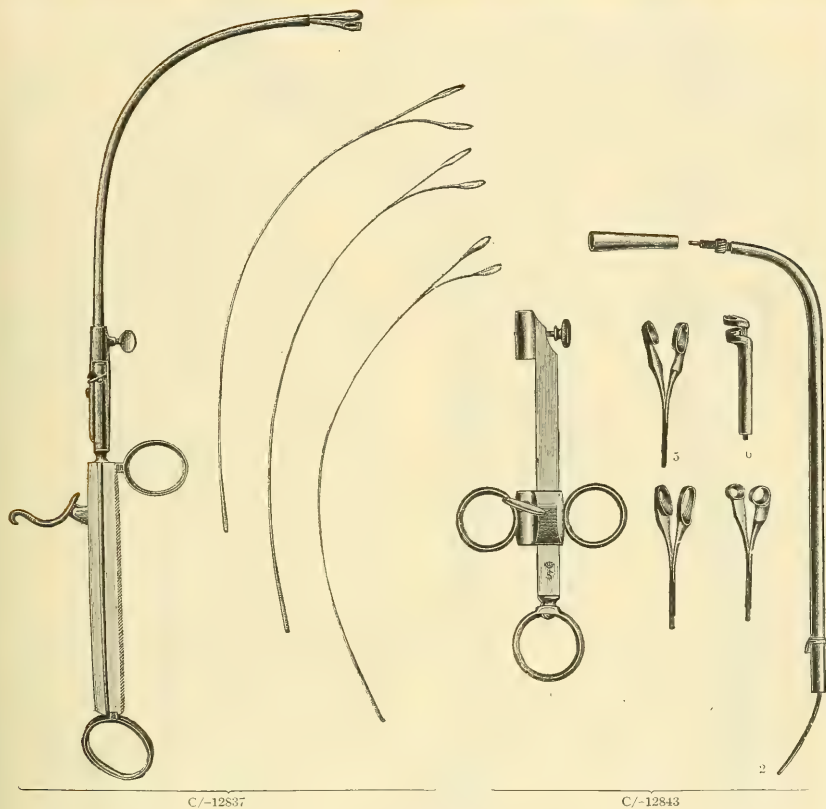


### Throat Forceps

(Continued)

	Each
C/-12782 Shurley's, cross-action.....	\$ 1.75
C/-12795 Tiemann's, spiral flexible shaft, 17 inches long over all .....	5.00
C/-12807 Tobold's, plain, serrated point.....	2.00
C/-12813 Tobold's, plain, mouse-toothed point.....	2.00
C/-12831 Tobold's, with 6 attachments.....	set, in case 17.50



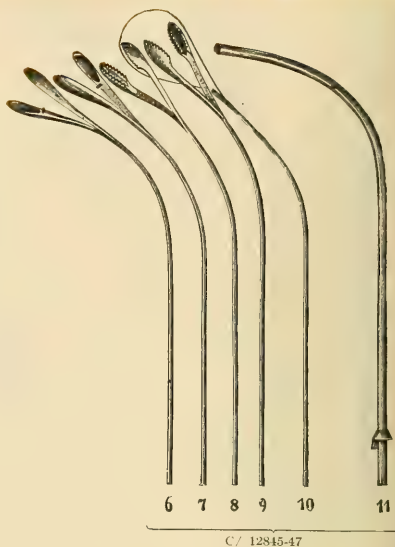
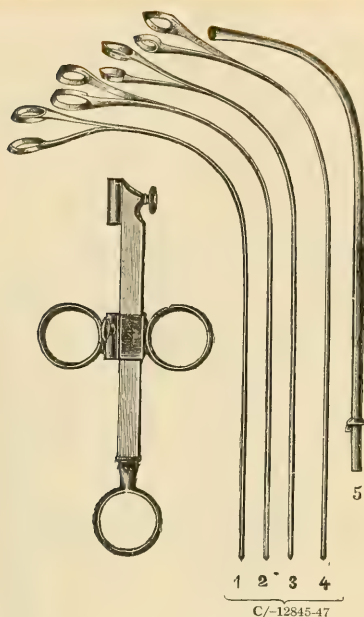


### Laryngeal Operating Instruments

	Each
C/-12837 Boecker's Set of 4 Forceps and Handle, in fine case .....	\$15.00
C/-12843 Krause's Set of 5 Attachments with Universal Handle, complete set, in fine metal case .....	25.00

#### Prices for Separate Parts

Fig. 1 Universal Handle .....	3.00
Fig. 2 Canula, with adjustable end .....	2.00
Fig. 3 Krause's Curette .....	3.75
Fig. 4 Heryng's Curette, cutting vertically .....	4.50
Fig. 5 Heryng's Curette, cutting horizontally .....	4.50
Fig. 6 Landgraf's Double Curette .....	5.00



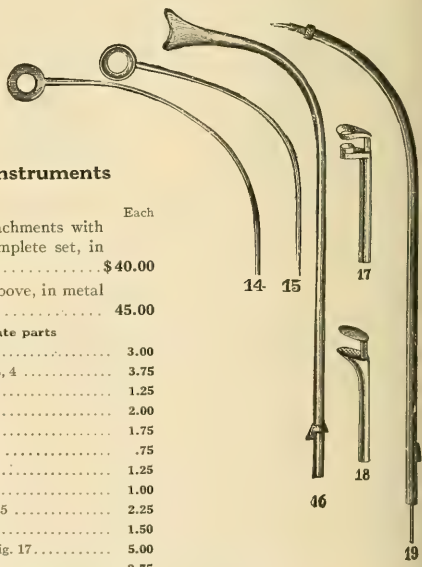
## Laryngeal Operating Instruments

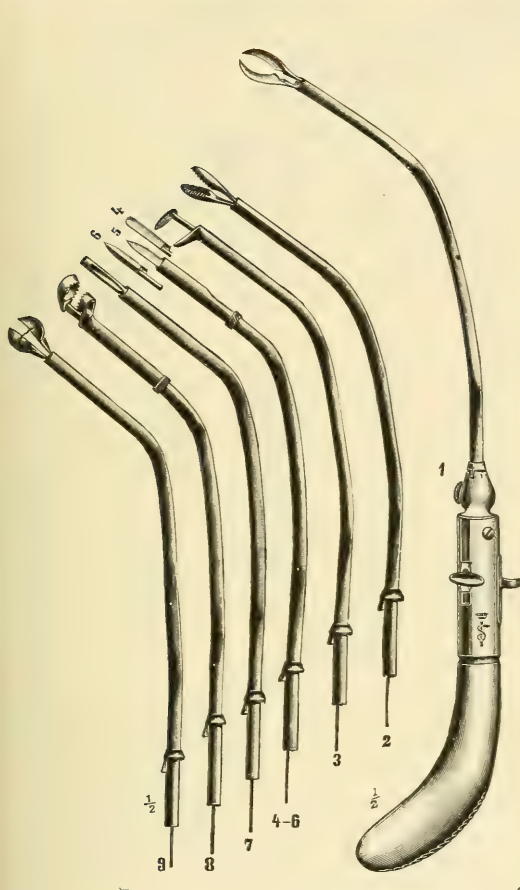
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	Each
C/-12845 Krause's Set of 19 Attachments with Universal Handle, complete set, in fine leather case.....	\$40.00
C/-12847 Krause's Set, same as above, in metal case.....	45.00

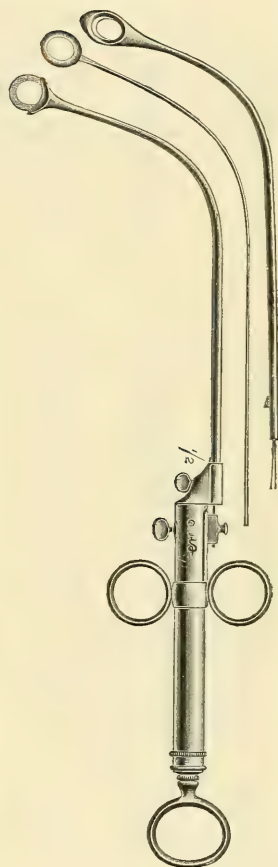
### Prices of separate parts

Universal Handle.....	3.00
Krause's Currettes, Figs. 1, 2, 3, 4 .....	3.75
Curved Canula, Fig. 5.....	1.25
Cutting-edge Forceps, Figs. 6, 7.....	2.00
Grasping Forceps, Figs. 8, 9 .....	1.75
Snares Wire Carrier, Figs. 10, 12 .....	.75
Curved Canula, Fig. 11.....	1.25
Angular Canula, Fig. 13.....	1.00
Ring-shaped Knives, Figs. 14, 15 .....	2.25
Canula for same, Fig. 16.....	1.50
Landgraf's Double Curette, Fig. 17.....	5.00
Clamp Forceps, Fig. 18.....	2.75
Curved Canula, Fig. 19.....	1.75





C/-12851



C/-12853

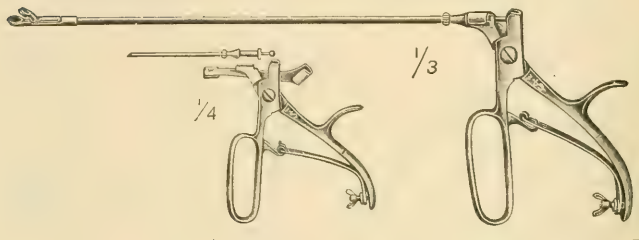
## Laryngeal Operating Instruments

(Continued)

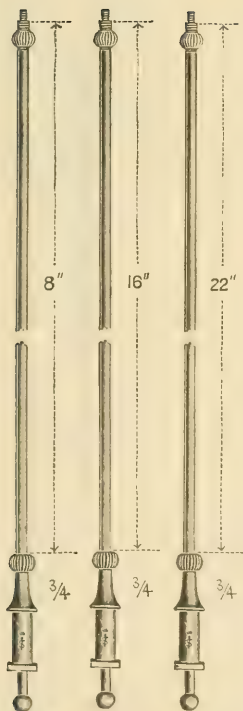
		Each
C/-12851	<b>Schroetter's</b> Set of 9 Attachments with Universal Metal Handle, complete set, in fine case	\$ 30.00
C/-12853	<b>Stoeck's</b> Set of 2 Laryngeal Guillotines, with laryngeal snare tip.	12.00

## Universal Grasping and Cutting Forceps

For Operating in the Larynx, Bronchial Tubes and Esophagus  
With Detachable Handle and Interchangeable Tips



C/-12860



C/-12863

C/-12867

C/-12871

	Each
C/-12860 Universal Detachable Handle, handle only, without canula.....	\$ 6.00
C/-12863 Straight Canula, for bronchoscopy, 8 inches.....	2.50
C/-12867 Straight Canula, for bronchoscopy, 16 inches.....	2.50
C/-12871 Straight Canula, for bronchoscopy, 22 inches.....	2.50

These instruments are all constructed on the alligator-jaw principle, and this, in connection with the arrangement of the universal handle, insures their cutting in any position in which they are placed. The distal end, or cutting tip, of the instrument will not recede from the point at which it is desired to cut, when the handles are closed.

The Universal Detachable Handle by its mechanical perfection gives great power and accuracy, combined with durability, without sacrificing the necessary delicacy of touch. It is designed to fit the hand perfectly, and the angle at which the canula is placed carries the operator's hand well out of the line of vision.

The tips are screwed to the end of the canula and may be turned and fixed in any desired position. The canula and cutting tip can be rotated in the handle, without withdrawing the instrument after it has been introduced, by means of the milled thumb screw attached to the canula near the handle. By an ingenious arrangement, well shown in the illustration, the canula can be attached to or detached from the handle without the loss of a moment's time.

The Universal Detachable Handle is the same as shown under C/-8158, and in addition to the Laryngeal and Bronchoscopic Instruments, a large variety of blades are made to fit this handle for Nasal, Ethmoid and Sphenoid, Antrum, Tonsil and Frontal Sinus operations. See pages 3132 to 3136.



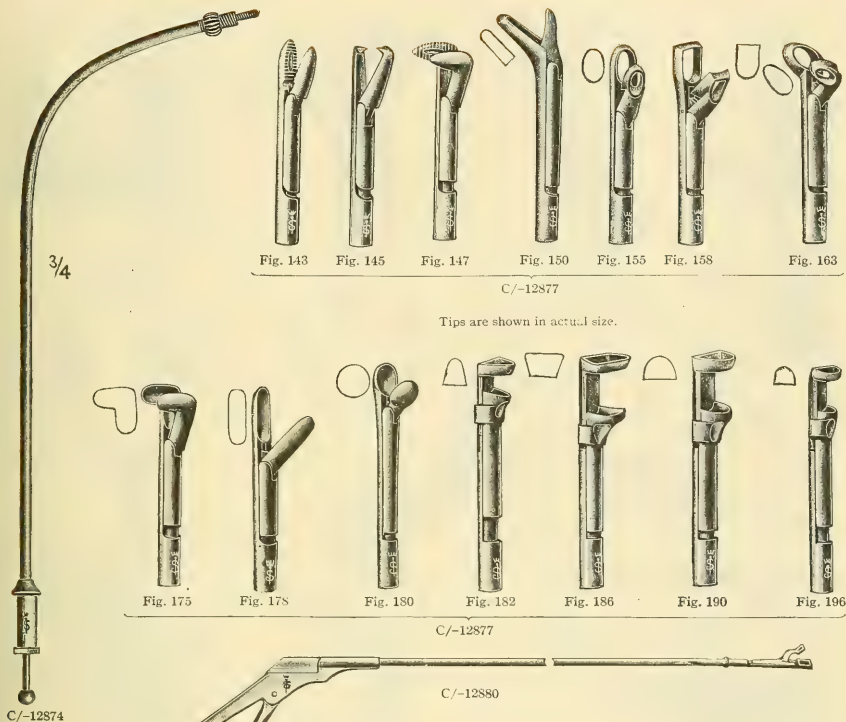


Fig. 143

Fig. 145

Fig. 147

Fig. 150

Fig. 155

Fig. 158

Fig. 163

C/-12877

Tips are shown in actual size.

Fig. 175

Fig. 178

Fig. 180

Fig. 182

Fig. 186

Fig. 190

Fig. 196

C/-12877

C/-12880

## Universal Grasping and Cutting Forceps

(Continued)

Each

C/-12874 Curved Canula, for larynx..... \$ 2.50

C/-12877 Universal Grasping and Cutting Tips, alligator-action, fitting above canula, patterns Fig. 143 to Fig. 196, as follows:

Fig. 143 Grasping Forceps, straight, serrated..... 5.00

Fig. 145 Grasping Forceps, straight, mouse-toothed..... 5.00

Fig. 147 Grasping Forceps, angular bent, serrated..... 5.00

Fig. 150 Struycken's Punch Forceps..... 5.75

Fig. 155 Krause's Punch Forceps, oval shape, fenestrated blades..... 5.75

Fig. 158 Krause's Punch Forceps, square shape, fenestrated blades..... 5.75

Fig. 163 Scheinmann's Punch Forceps, angular bent, fenestrated blades (subglottis)..... 6.50

Fig. 175 Scheinmann's Cutting Forceps, angular bent, solid blades (subglottis)..... 6.25

Fig. 178 Fraenkel's Cutting Forceps, straight solid blades..... \$ 6.00

Fig. 180 Killian's Cutting Forceps, round solid blades..... 6.00

Fig. 182 Cordes' Curette Forceps, punching action, for growths of the inferior commissure..... 6.75

Fig. 186 Cordes' Curette Forceps, punching action, for infiltrations and pachydermic growths of the posterior wall..... 6.75

Fig. 190 Cordes' Curette Forceps, punching action, for large growths, papillomata, etc..... 6.75

Fig. 196 Cordes' Curette Forceps, punching action, for singers' nodes..... 6.50

C/-12880 Jackson's Cutting Forceps, with scissors handle; with 1 canula, 8, 16 or 22 inches in length, and 1 cutting tip C/-12877, as selected, complete..... 15.50



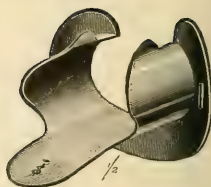
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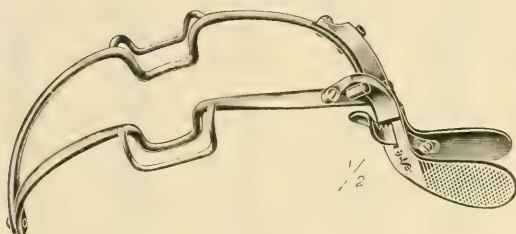
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C/-12891



C/-12947



C/-12935



C/-12957



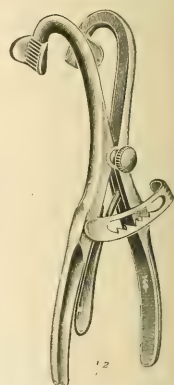
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### Finger Protectors

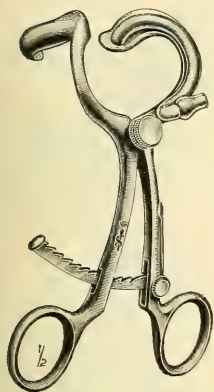
	Each
C/-12887 <b>Langenbeck's, plain</b> . . . . .	\$ .75
C/-12889 <b>Langenbeck's, articulated</b> . . . . .	1.25
C/-12891 <b>Zaufal's, articulated, with scoop</b> . . . . .	2.00

### Mouth Gags and Specula

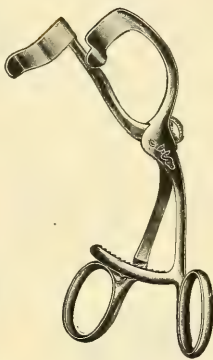
C/-12935 <b>Alter's, modification of Whitehead's</b> . . . . .	7.50
C/-12947 <b>Brophy's, 4 sizes</b> . . . . .	1.75
C/-12957 <b>Collin's</b> . . . . .	5.00
C/-12970 <b>Denhart's, finest, steel</b> . . . . .	2.00
C/-12971 <b>Denhart's, with anæsthetic attachment</b> . . . . .	5.00



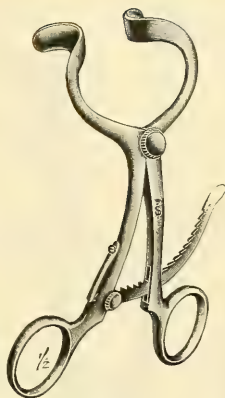
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C/-12972



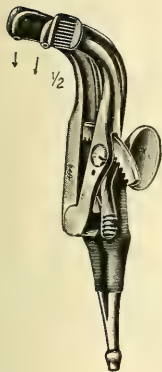
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C/-12974



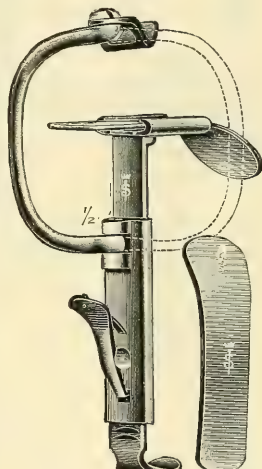
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C/-12980



C/-12989



C/-13015

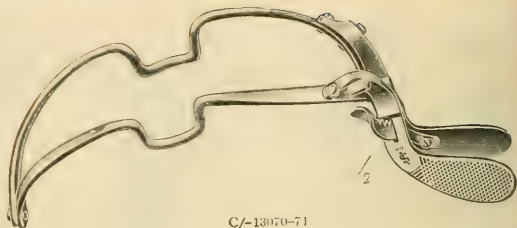
## Mouth Gags and Specula

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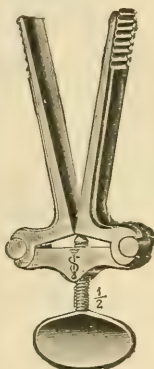
	Each		Each
C/-12972 Doyen's, with anaesthesia tube....	\$ 6.50	C/-12980 Ferguson-Gwathmey's, with anaesthesia tubes, complete, with tubing and Y-piece.....	\$ 5.00
C/-12973 Doyen's, plain.....	3.00	C/-12989 French's.....	2.50
C/-12974 Doyen-Jansen's.....	4.00	C/-13015 Green's, modification of Sewall's, with 2 adjustable tongue depressors.....	9.00
C/-12977 Ferguson's, improved pattern, with ratchet.....	3.50		



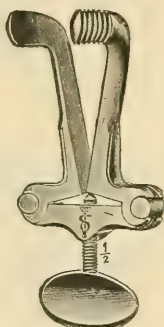
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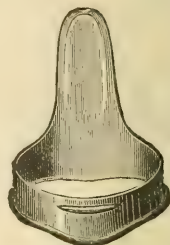
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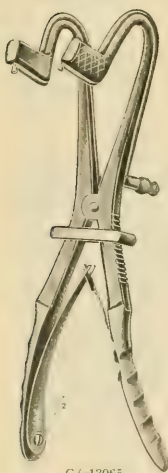
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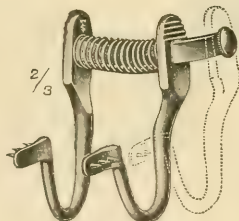
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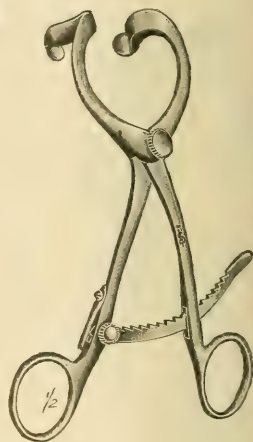
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C/-13065



C/-13074



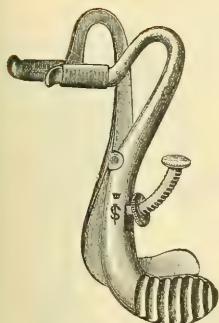
C/-13068

### Mouth Gags and Specula

(Continued)

	Each	Each	Each		
C -13024	<b>Gross', steel.....</b>	<b>\$ 4.50</b>	C/-13068	<b>Jansen's.....</b>	<b>\$5.00</b>
C -13035	<b>Gutsch's Mouth Speculum, 5 sizes, single, each.....</b>	<b>\$ .75.....set</b>	C/-13070	<b>Jennings', modification of White- head's, regular size.....</b>	<b>5.00</b>
C -13053	<b>Heister's, straight.....</b>	<b>2.50</b>	C/-13071	<b>Jennings', modification of White- head's, small size.....</b>	<b>5.00</b>
C -13059	<b>Heister's, curved.....</b>	<b>3.00</b>	C/-13074	<b>Lane's, for infants, right or left....</b>	<b>4.00</b>
C -13065	<b>Hewitt-Mason's, with anaesthesia tubes .....</b>	<b>12.00</b>			

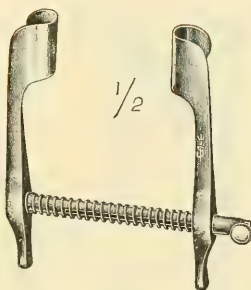




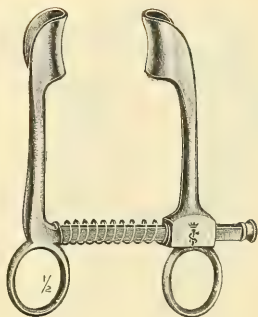
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C/-13090



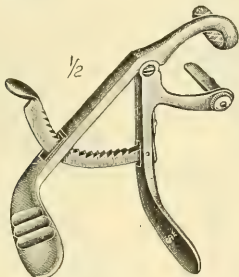
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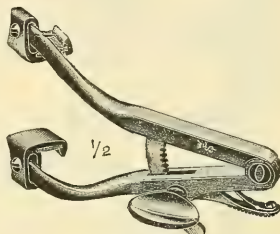
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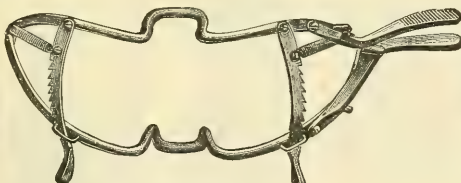
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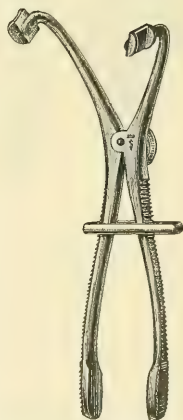
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C/-13190-92

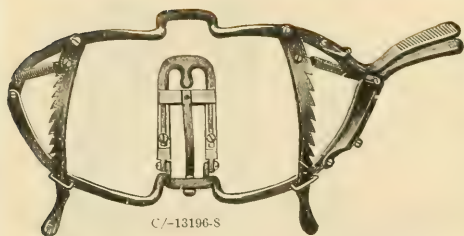


C/-13167

## Mouth Gags and Specula

(Continued)

	Each
C/-13083 Mason's .....	\$ 3.50
C/-13090 Mayer's Mouth Prop .....	net 1.50
C/-13098 Murdock's .....	2.25
C/-13099 Murdock-Stubbs' .....	2.50
C/-13109 Prenderville's .....	6.50
C/-13111 Pynchon-Ferguson's .....	6.00
C/-13131 Roser-Koenig's .....	3.75
C/-13167 Waxham's .....	3.00
C/-13190 Whitehead's, plain, large size, for adults .....	4.75
C/-13191 Whitehead's, plain, medium size, for adults .....	4.75
C/-13192 Whitehead's, plain, small size, for children .....	4.75
Whitehead's, plain, any size, with 1 anaesthesia tube, extra .....	3.00



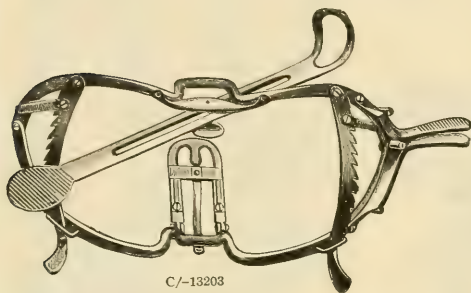
C/-13196-S



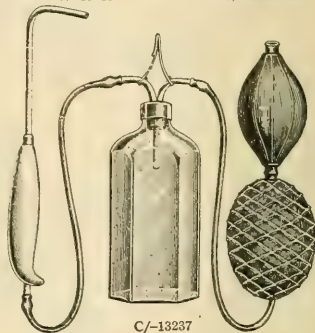
C/-13215



C/-13221-22



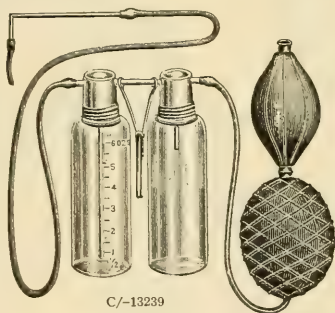
C/-13203



C/-13237



C/-13233



C/-13239



C/-13241

### Mouth Gags and Specula

(Continued)

	Each		Each
C/-13196 Whitehead's, with tongue depressor, large size, for adults	\$ 6.00	C/-13198 Whitehead's, with tongue depressor, small size, for children	\$ 6.00
C/-13197 Whitehead's, with tongue depressor, medium size, for adults	6.00	C/-13203 Whitehead's, with tongue depressor and uvula retractor	8.00
		C/-13215 Wingrave's, self-retaining	2.25

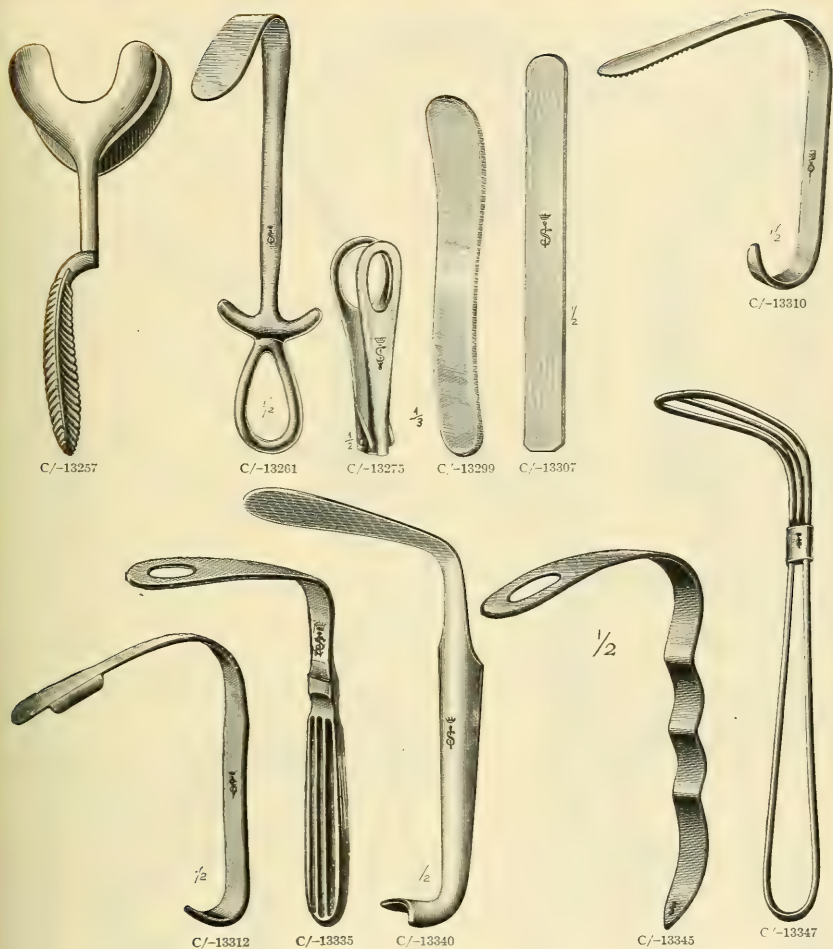
### Oral Screws and Wedges

C/-13221 Oral Screw, hard rubber	\$ .60	C/-13233 Boxwood Wedge	.75
C/-13222 Oral Screw, hard wood	.50		

### Anaesthesia Apparatus for the Vapor Method

In connection with Mouth Gags having anaesthesia tubes.

C/-13237 Killian-Buchanan's, for chloroform or ether	\$ 7.50	C/-13239 Brophy's, with two bottles—graduated bottle intended for ether or chloroform, the plain bottle as a reservoir for vapor; complete, with bulb	9.00
C/-13241 Hitz's, with arrangement by means of which the amount of vapor given can be regulated accurately; complete, with bulb	6.50		

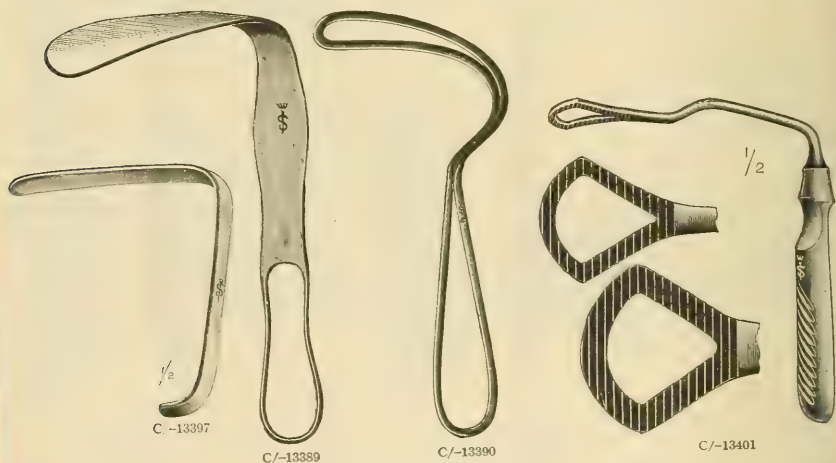
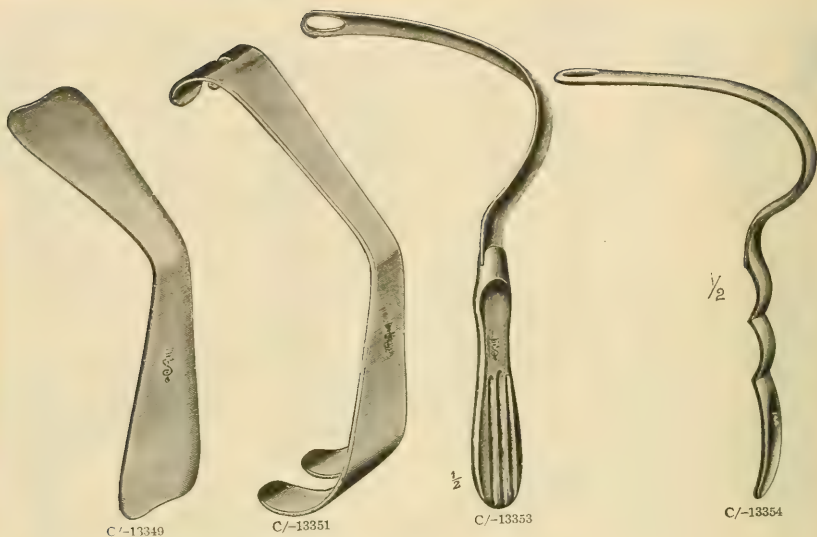


### Cheek Retractors

	Each		Each
C/-13257 Luer's, metal .....	\$ 1.50	C/-13261 Pierce's .....	\$ 1.75

### Tongue Depressors

	Each		Each
C/-13275 Plain folding pattern, fenestrated... \$ .30		C -13312 Andrews-Pyncheon's .....	\$ 1.35
C/-13299 Plain glass .....	.50	C/-13335 Bosworth's .....	.75
C/-13307 Plain wood...per 100, \$ .35...dozen	.10	C -13340 Collin's .....	1.00
C/-13310 Andrews', steel .....	1.10	C/-13345 Deickmann's .....	.75
		C/-13347 De Vilbiss' .....	.50

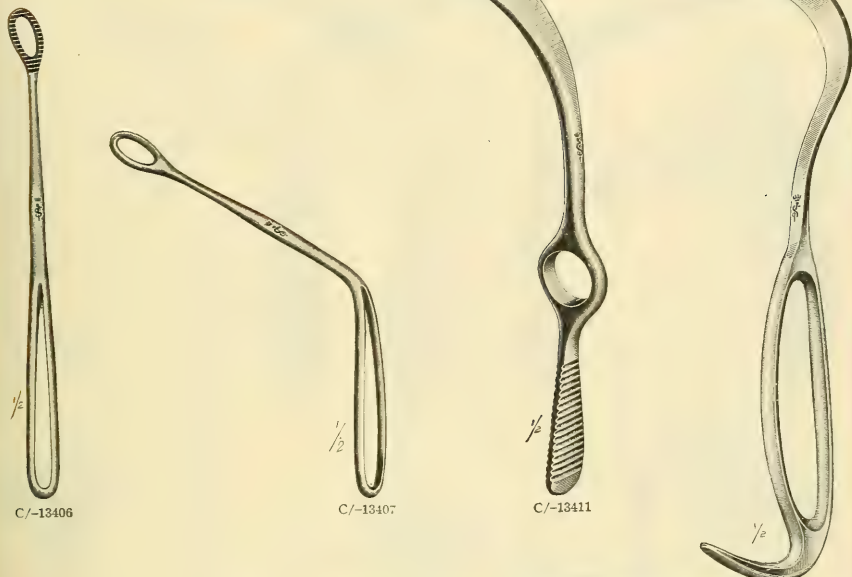


### Tongue Depressors

(Continued)

	Each		Each
C -13349 Doyen's.....	\$ 1.50	C/-13389 Hartmann's, steel.....	\$ 1.25
C -13351 Doyen-Collin's.....	1.75	C -13390 Hartmann's, wire.....	.50
C -13353 Fraenkel's.....	1.10	C -13397 Lack's, 2 sizes.....	.75
C/-13354 Fraenkel's, modified, one piece....	.75	C/-13401 Layman's, steel, 2 sizes.....	1.50





C/-13406

C/-13407

C/-13411

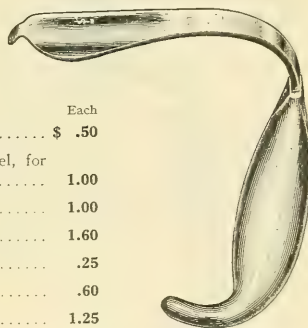
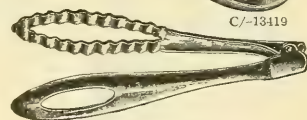
C/-13419

C/-13431

C/-13437



C/-13449

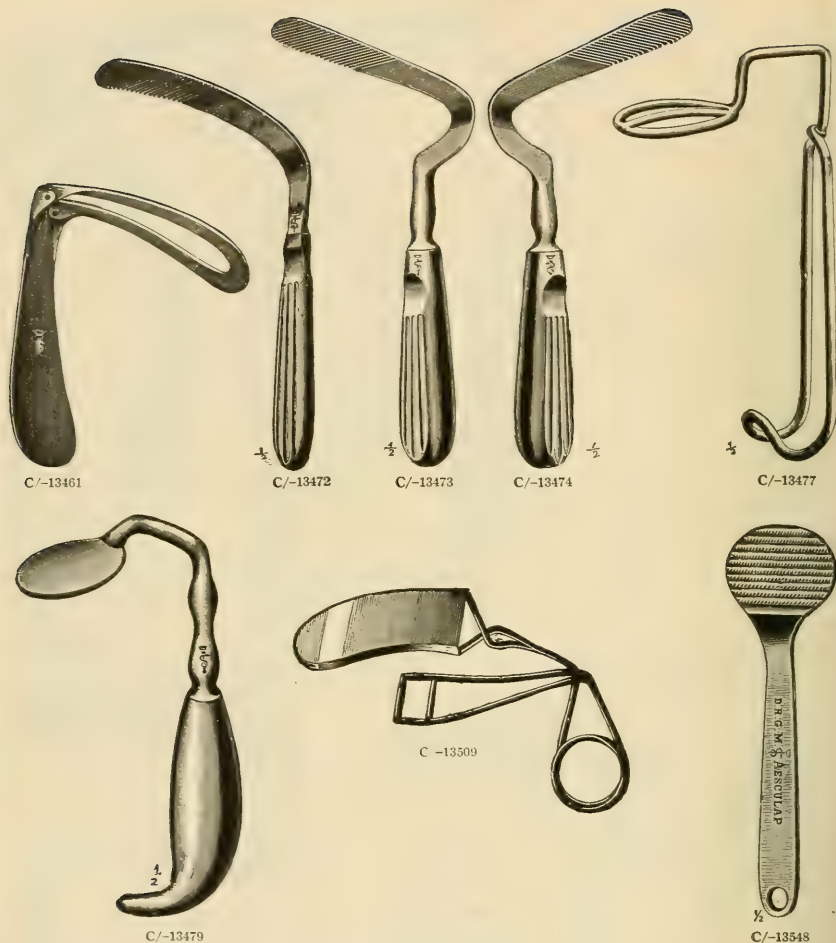


C/-13451

### Tongue Depressors

(Continued)

	Each
C/-13406 Pierce's, straight.....	\$ .50
C/-13407 Pierce's, curved, tempered steel, for tonsil work.....	1.00
C/-13411 Pyncheon's.....	1.00
C/-13419 Sass', steel.....	1.60
C/-13431 Smith's, folding.....	.25
C/-13437 Snowden's.....	.60
C/-13449 Stehmann's, self-retaining.....	1.25
C/-13451 Stevenson's, with flanges.....	2.00



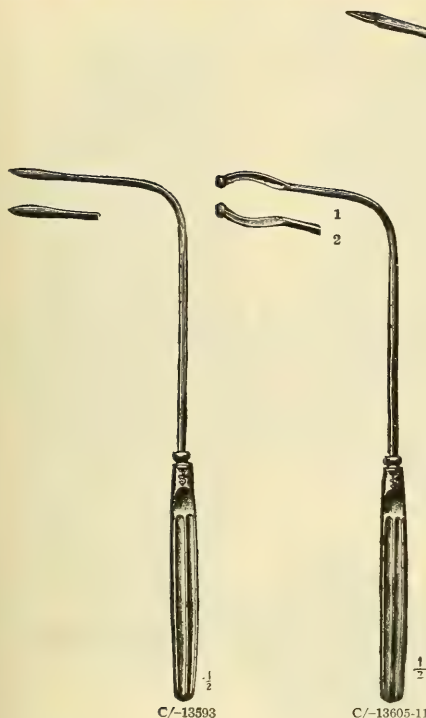
### Tongue Depressors

(Continued)

	Each
C/-13461 Tobold's, folding.....	\$ 1.00
C/-13472 Tobold's, rectangular.....	1.00
C/-13473 Tobold's, right.....	1.50
C/-13474 Tobold's, left.....	1.50
C/-13477 Tuerck's, plain, wire.....	1.00
C/-13479 Tuerck's, right or left.....	1.50
C/-13509 Ward Cousin's, self-retaining.....	1.75

### Tongue Scraper

C/-13548 Feilchenfeld's.....	.60
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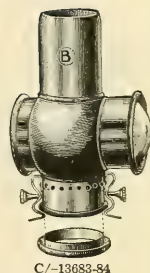


C/-13593

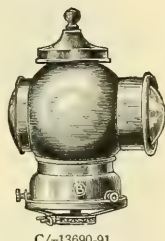
C/-13605-11



C/-13629



C/-13683-84



C/-13690-91



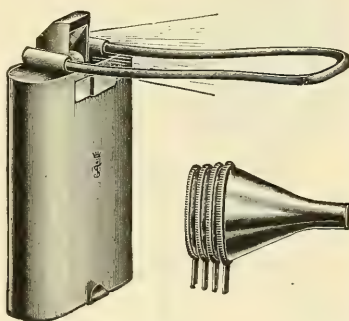
C/-13653

## Laryngeal Knives

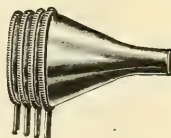
	Each
C/-13593 Tobold's, lancet shape . . .	\$ 1.50
C/-13605 Tobold's, probe point, cutting up . . . . .	1.50
C/-13611 Tobold's, probe point, cutting down . . . . .	1.50
C/-13629 Tobold's Concealed Lancet, with universal movement . . . . .	5.00

## Laryngoscopes and Illuminating Apparatus

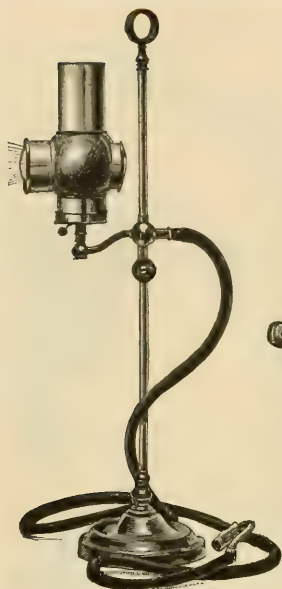
	Each
C/-13653 Collin's Condenser, with oil lamp, 8 inches high . . . . .	\$ 5.00
C/-13683 MacKenzie's Condenser, for gas burner or student's lamp . . . . .	3.50



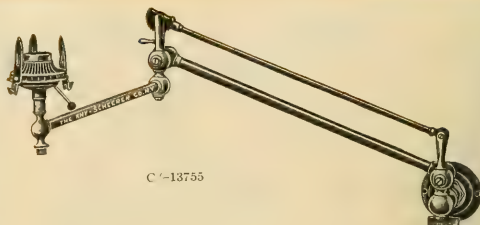
G/-2245



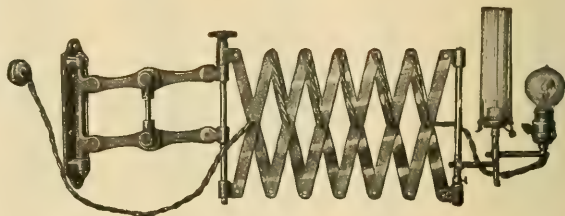
C/-13684 MacKenzie's Condenser, large size, for electric light . . . . .	\$ 4.50
C/-13690 MacKenzie-Boeckel's Condenser, for electric light, regular size . . . . .	5.25
C/-13691 MacKenzie-Boeckel's Condenser, for electric light, extra large size . . . . .	6.75
G/-2245 The "Ideal" Illuminating Pocket Set, complete with tongue depressor and set of specula . . . . .	4.00



C/-13743



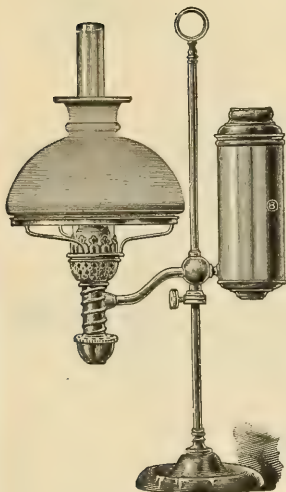
C/-13755



C/-13767



G/-2565



C/-13767

### Laryngoscopes and Illuminating Apparatus

(Continued)

	Each
C/-13743 Argand Burner Gas Stand, adjustable to any height, with 6 feet gas tubing, without condenser.....	\$ 9.00
C/-13755 Argand Burner Gas Bracket, to fasten to a wall, with universal movement.....	9.00
C/-13757 Hardy's Extension Bracket, for both gas and electric light, complete.....	10.75
C/-13767 Student Lamp, for oil, adapted for condenser.....	5.50
G/-2565 Parabolic Reflector (Hand Type), has a lamp of high candle power, with a large German silver Parabolic Reflector. This can also be used for electro-therapeutic light treatment. Complete with 8 feet of conducting cord and attachment plug.....	12.00
G/-2569 Floor Stand for Parabolic Reflector.....	15.00





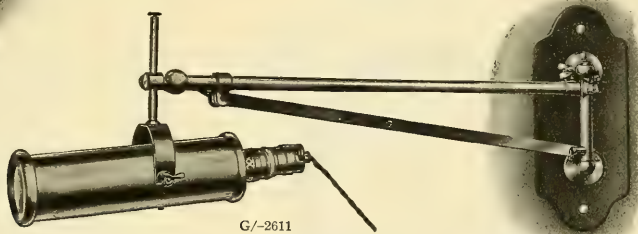
G/-2595



G/-2577-S1



G/-2655



G/-2611

## Laryngoscopes and Illuminating Apparatus

(Continued)

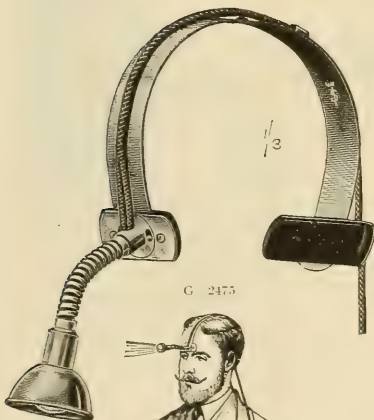
	Each		Each
G/-2577 Electric Illuminator, with parabolic reflector, on floor stand, with regular incandescent lamp..	\$ 8.50	G/-2607 Same as G/-2603, mounted on telescopic floor stand .....	\$30.00
G/-2581 Same as above, with stereo-filament lamp, very powerful.....	10.00	G/-2611 Same as G/-2603, on wall bracket.....	32.50
G/-2595 Coakley's Electric Illuminator, on telescopic floor stand, complete with lamp, connecting cord and socket plug.....	21.00	G/-2655 Specialist's Lamp, with heater glower, complete, but without stand or bracket.....	22.50
G/-2603 Dr. Fraenkel's Portable Operating Lamp, for eye, ear, nose and throat work. A glower light of very high intensity is used with this lamp which has absolutely no filament reflections and gives a perfect white light. Mounted on telescopic table stand. For 110 volt circuit, complete, with 8 feet conducting cord and separate attachment plug (see G/-2611) .....	22.50	<p>This lamp is equipped with a system of lenses to permit a direct illumination of a limited operative area. The light is entirely without filament reflection.</p> <p>Aside from the lens system, a plane lens with a slightly ground surface is supplied. If this lamp is to be used with a condensing mirror, it gives a better and clearer light than the older model of MacKenzie condensers, etc.</p>	



G/-2451



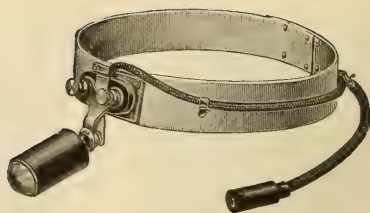
G/-2471



G -2475



G/-2491



G -2469



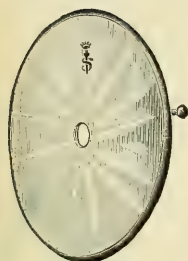
G -2483

## Laryngoscopes and Illuminating Apparatus

(Continued)

Each

- |         |   |                |
|---------|---|----------------|
| G/-2451 | <b>Jansen's Electric Head Light, on spring steel head band, complete with 6 feet conducting cord.....</b>                                     | <b>\$10.00</b> |
| G/-2467 | <b>Jansen's Electric Head Light, on spring steel head band, with current tap and resistance bulb, for direct use on 110 volt circuit.....</b> | <b>12.50</b>   |
| G/-2469 | Same as above, with adjustable celluloid head band, additional.....   | 2.50           |
| G/-2471 | <b>Kirstein's Electric Head Light, complete, with conducting cord ..</b>  | <b>19.50</b>   |
| G/-2475 | <b>Ideal Head Light, for use on 110 to 115 volt circuits, complete.....</b>   | <b>6.50</b>    |
|         | No current reducer or controller is required with this lamp.  |                |
| G/-2483 | <b>Klaar's Electric Head Light, with spring steel head band, complete..</b>   | <b>18.00</b>   |
| G/-2491 | <b>Ideal Tungsten Head Light, similar to G/-2475, but with Tungsten light and pocket battery; complete, with battery.....</b>                 | <b>10.00</b>   |



C/-13875 to 13906



C/-13909



C/-13917



C/-13924



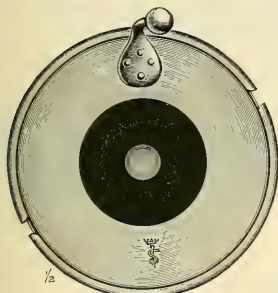
C/-13930



C/-13941



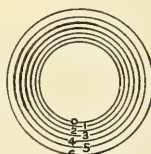
C/-13947



C/-13911-13

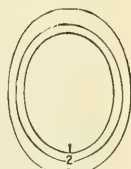


C/-13971



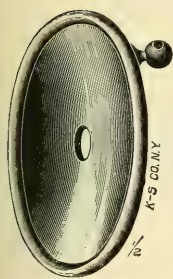
Actual Sizes

C/-13924-30



Actual Sizes

C/-13941-47



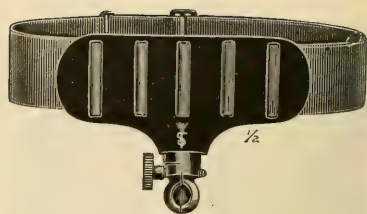
C/-13915

## Mirrors and Reflectors

	Each
C/-13875 Reflector, concave, 2½ inch, 10 mm. hole.....	\$ 1.15
C/-13887 Reflector, concave, 3 inch, 10 mm. hole.....	1.25
C/-13888 Reflector, concave, 3 inch, 13 mm. hole.....	1.25
C/-13913 Reflector, concave, 3½ inch, 10 mm. hole.....	1.50
C/-13894 Reflector, concave, 3½ inch, 13 mm. hole.....	1.50
C/-13905 Reflector, concave, 4 inch, 10 mm. hole.....	1.75
C/-13906 Reflector, concave, 4 inch, 13 mm. hole.....	1.75
C/-13909 Protector, for Mirrors, aluminum, 3, 3½ or 4 inch.....	.30
C/-13911 Fraenkel's Reflector, with aluminum back and protector, extra fine quality, 3 inch, 13 mm. hole.....	2.25
C/-13912 Fraenkel's Reflector, with aluminum back and protector, extra fine quality, 3½ inch, 13 mm. hole.....	2.50
C/-13913 Fraenkel's Reflector, with aluminum back and protector, extra fine quality, 4 inch, 13 mm. hole.....	2.75
C/-13915 Vienna Reflector, extra fine quality, with heavy projecting rim, 3½ inch.....	3.00
C/-13917 Handle, for reflectors.....	.20
C/-13924 Laryngeal Mirror, round, 7 sizes, with metal handle, boilable.....	.60
C/-13930 Laryngeal Mirror, round, 7 sizes, without handle, boilable.....	.50
C/-13941 Laryngeal Mirror, oval, 3 sizes, with metal handle.....	.60
C/-13947 Laryngeal Mirror, oval, 3 sizes, without handle.....	.50
C/-13971 Universal Handles, for laryngeal mirror, metal.....	.30



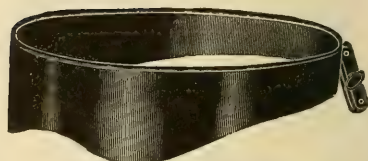
C/-13989



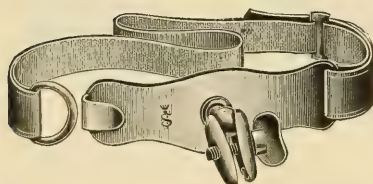
C/-13991



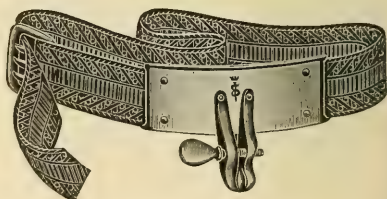
C/-13992



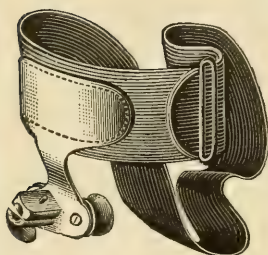
C/-13993



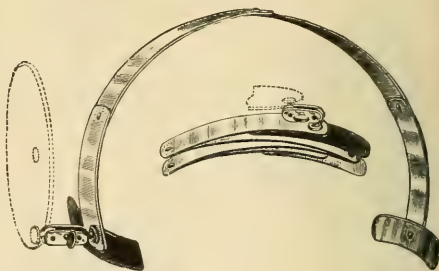
C/-13995



C/-14021



C/-14043-49

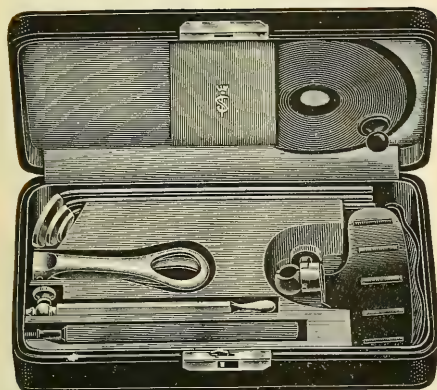


C/-14061-67

### Head Bands

	Each		Each
C/-13989 Bosworth's, with metal shield...	\$ .75	C/-14021 Pyncheon's, metal shield, hard rubber faced.....	\$ 1.25
C/-13991 Bosworth's, improved, with metal shield.....	1.00	C/-14043 Schroetter's, with nose rests, metal shield.....	1.50
C/-13992 Black Fibre, adjustable to any size, 1 inch wide.....	1.75	C/-14049 Schroetter's, with nose rests, aluminum shield.....	1.75
C/-13993 Black Fibre, improved, 2 inches wide in back.....	2.00	*C/-14061 Worrall's, metal spring, plain....	1.25
C/-13995 Gleason's, metal shield with leather strap.....	1.00	C/-14067 Worrall's, metal spring, folding..	1.75





C/-14079

### Laryngoscopic Sets

C/-14079 Laryngoscopic Set, in fine leather case..... Each \$ 6.00

#### Contents

- 1 3½ inch Head Mirror.
- 1 Handle for same.
- 1 Head Band.
- 3 Throat Mirrors.
- 1 Universal Handle.
- 1 Tongue Depressor.

### Laryngoscopic Sets

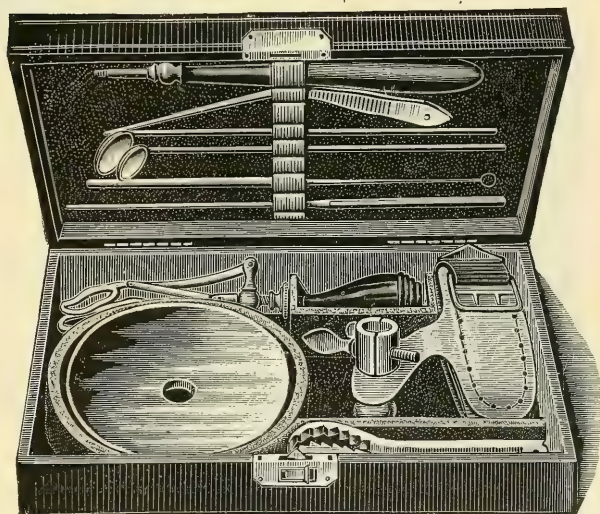
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Each

C/-14091 Laryngoscopic Set, in fine leather case.. \$9.50

#### Contents

- 1 3½ inch Head Mirror.
- 1 Schroetter's Head Band, with metal shield.
- 2 Assorted Sizes Laryngeal Mirrors.
- 1 Universal Handle for same.
- 1 Tongue Depressor.
- 1 Set of Gruber's Ear Specula.
- 1 Wilde's Ear Forceps.
- 1 Holcomb's Cotton Carrier.
- 1 Buck's Ear Curette.
- 1 Fraenkel's Nasal Speculum.



C/-14091

## Laryngoscopic Sets

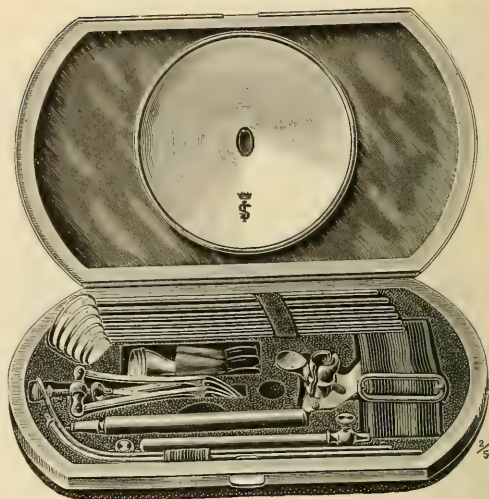
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Each

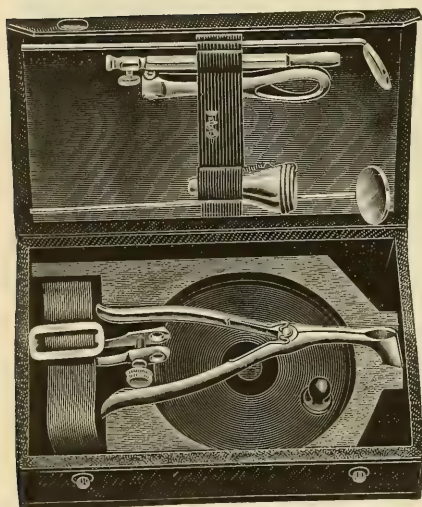
- C/-14095 Laryngoscopic Set, in extra fine grade of leather case, with nickel-plated metal rim.....\$ 15.00

### Contents

- 1 Head Mirror, 4 inch, with oval hole and projecting rim.
- 1 Head Band.
- 1 Metal Handle for Mirror.
- 6 Assorted Sizes Laryngeal Mirrors, round.
- 1 Universal Handle for same.
- 1 Laryngeal Probe.
- 1 Laryngeal Brush Holder with 3 Brushes.
- 1 Metal Handle for same.
- 1 Set of 3 Gruber's Ear Specula.
- 1 Fraenkel's Nasal Speculum.



C/-14095



C/-14104

## Laryngoscopic Sets

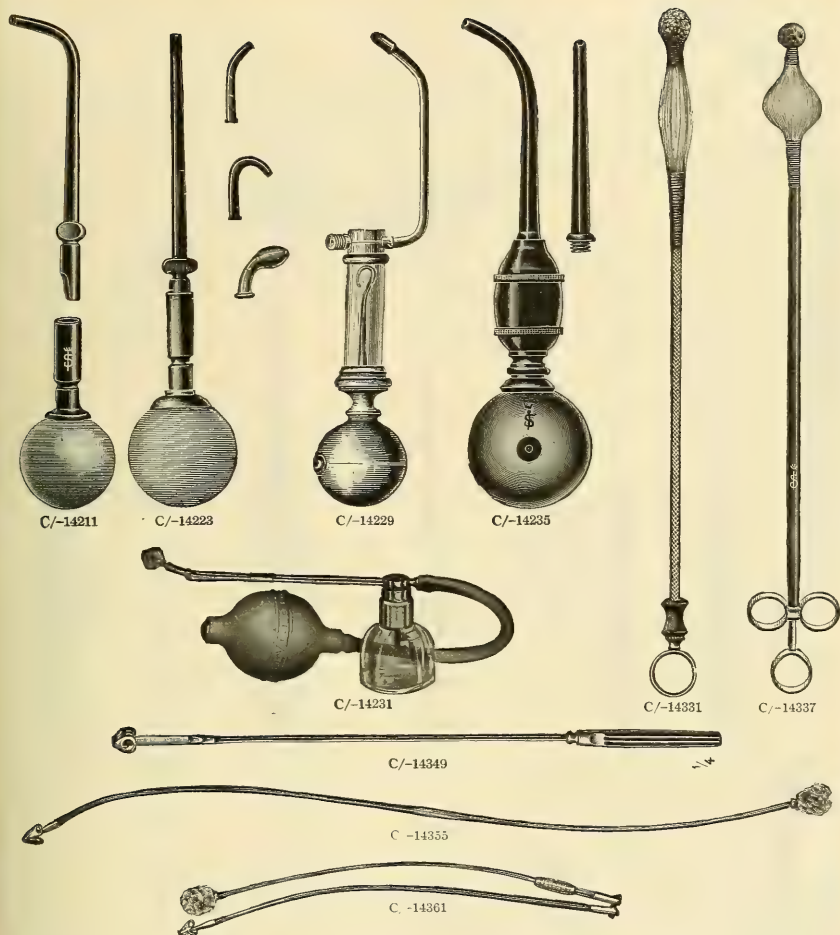
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Each

- C/-14104 Laryngoscopic Set, in leather-covered case. \$ 6.00

### Contents

- 1 Head Mirror, 3½ inch.
- 1 Bosworth's Head Band.
- 2 Throat Mirrors.
- 1 Universal Handle.
- 1 Ingals' Nasal Speculum.
- 1 Folding Tongue Depressor.
- 1 Set Gruber's Ear Specula, metal.

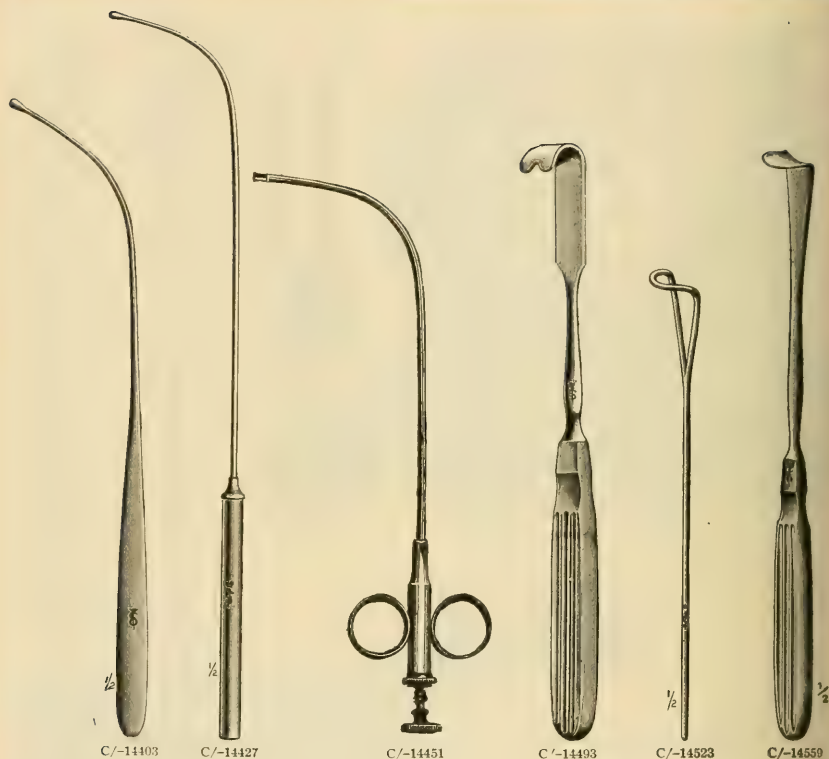


### Powder Blowers

	Each		Each
C/-14211 Scoop Pattern, hard rubber.....	\$ .60	C/-14231 De Vilbiss'.....	\$ 1.25
C/-14223 Scoop Pattern, hard rubber, with 3 extra tips .....	1.35	C/-14235 Fraenkel's, large size, with hard rubber reservoir and 2 tips.....	1.75
C/-14229 Cohen's, with glass reservoir.....	1.25		

### Probangs and Coin Catchers

	Each		Each
C/-14331 Ferguson's Bristle Probang, with 1 ring.....	\$ 1.10	C/-14355 Hinged Bucket and Sponge Tip, double-ended.....	\$ 1.75
C/-14337 Ferguson's Bristle Probang, with 3 rings .....	1.25	C/-14361 Hinged Bucket and Sponge Tip, double-ended, folding pattern...	2.50
C/-14349 Hinged Bucket, for removing coins..	1.50		



C/-14403

C/-14427

C/-14451

C/-14493

C/-14523

C/-14550



C/-14553

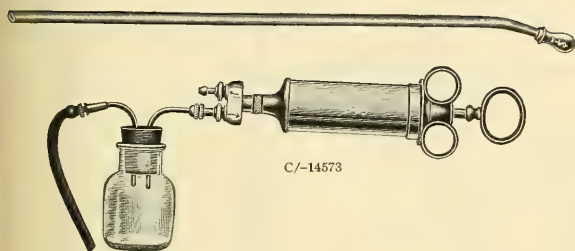
### Probes and Caustic Carriers

	Each
C/-14403 Fraenkel's Laryngeal Probe.....	\$ .75
C/-14427 Tobold's Laryngeal Probe.....	.65
C/-14451 Tobold's Caustic Carrier.....	4.00

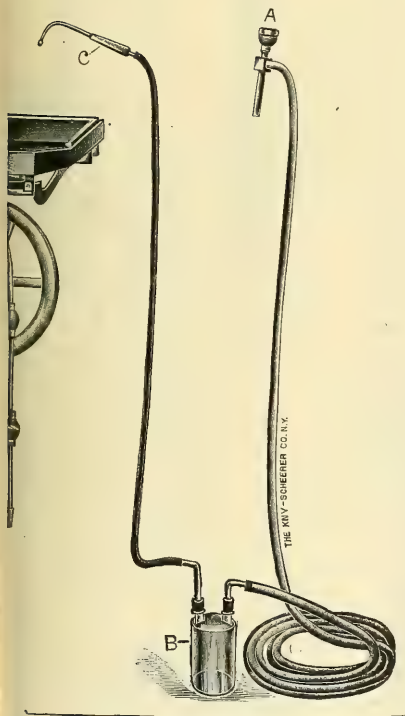
### Uvula Retractors

C/-14493 Hartmann's.....	2.00
C/-14523 Tuerck's, for use with Universal Handle C/-13971.....	.50
C/-14553 White's.....	1.00
C/-14559 Zaufal's.....	1.50





C/-14573



C/-14569



C/-14563

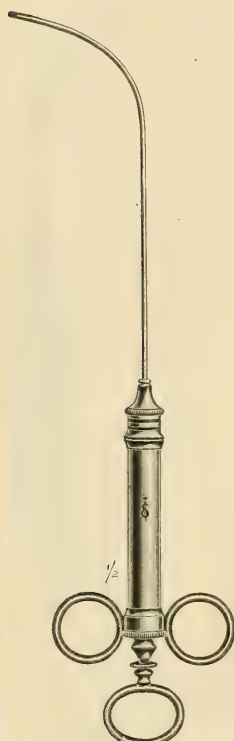
FULL SIZE



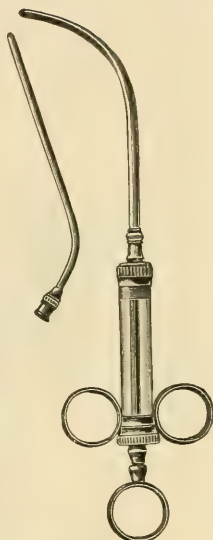
C/-14568

### Saliva Pumps

	Each
C/-14563 <b>Creedy's</b> Pharynx Suction Tip, 1 $\frac{1}{4}$ inches long.....	\$ 2.50
C/-14568 <b>Gwathmey's</b> Suction Tube, black finish.....	2.50
C/-14569 <b>Gwathmey's</b> Suction Apparatus for evacuation of saliva, blood, etc.; to be attached to water faucet at A, to be used by the anaesthetist at the head of operating table; complete.....	12.50
C/-14573 <b>Chevalier Jackson's</b> Secretion Aspirator, all metal, 60 cc. capacity, with 2 metal suction tubes and glass bottle, complete.....	10.00



C/-14653



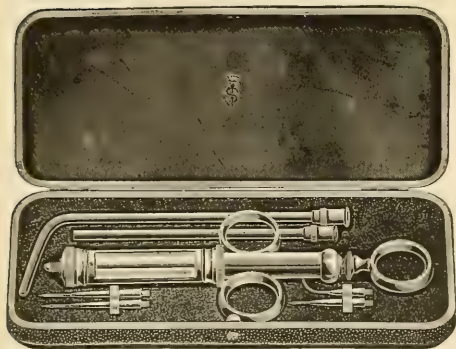
C/-14655-61



C/-14665



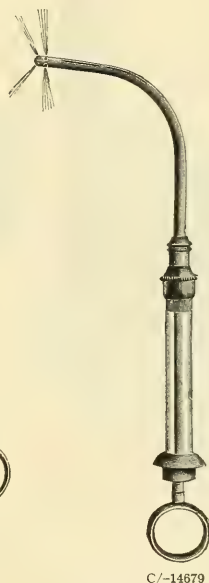
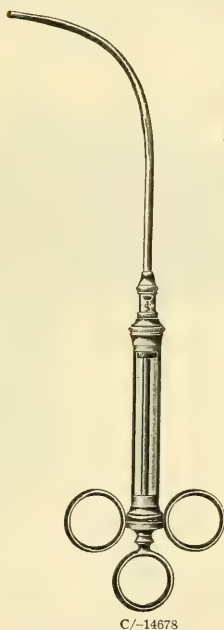
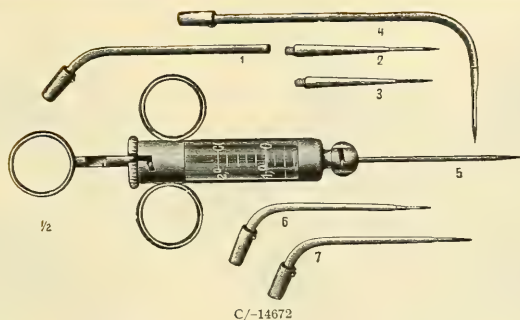
C/-14668



C/-14663

### Laryngeal Syringes

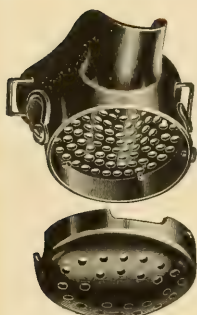
	Each
C/-14653 <b>Cube's</b> , all metal, with 3 rings and olivary canula, in case. . . .	\$ 5.00
C/-14655 <b>Fraenkel's</b> , hard rubber mounted, 3 rings, with 2 canulae . . . .	1.75
C/-14661 <b>Fraenkel's</b> , metal mounted, 3 rings, with 2 canulae, in case. . . . .	3.00
C/-14663 <b>Heryng's</b> , with 2 attachments and 4 canulae, in case. . . .	7.00
C/-14665 <b>Mendel's</b> , with 3 rings and conical canula. .	5.50
C/-14668 <b>Muir's</b> , all metal, with long, flexible canula. .	3.50



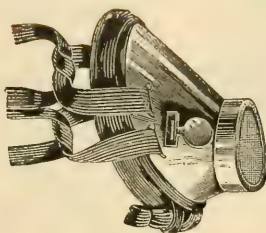
### Laryngeal Syringes

(Continued)

	Each		Each
C/-14670 "Record" Laryngeal Syringe, 5 cc., with 1 curved canula.....	\$ 5.75	C/-14678 Tobold's Laryngeal Syringe, metal mounted, with 1 canula.....	\$ 2.00
C/-14672 Alexander's "Record" Laryngeal and Tonsil Syringe, 2 cc., with 6 needles, in metal case.....	10.50	C/-14679 Tobold's Laryngeal Syringe, hard rubber mounted, with 1 canula....	1.75
		C/-14681 Yankauer's Laryngeal Mediator, glass, with rubber bulb.....	.40



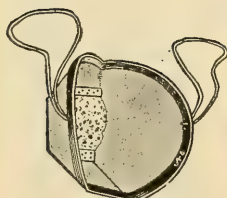
C/-14901



C/-14913



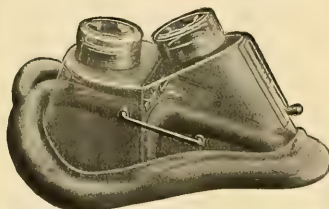
C/-14915



C/-14919



C/-14925



C/-14929



## Respirators

	Each
C/-14901 Tyndale's, for mouth and nose, hard rubber.....	\$ 2.50
C/-14913 Mackenzie's, especially for laborers in factories, with rubber valves to control inhalation and exhalation.....	1.25
C/-14915 Aluminum, for mouth and nose, with double shield and soft rubber edge.....	1.75
C/-14919 Robinson's, zinc.....	.50
C/-14925 Ramage's Inhaler, hard rubber.....	.50
C/-14929 Kuhn's Pulmonary Suction Mask.....	6.50

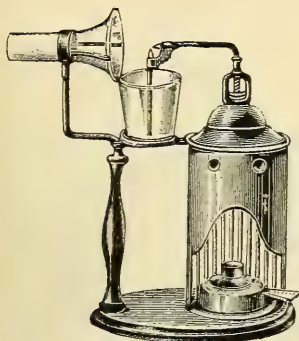
## Kuhn's Pulmonary Suction Mask

It being a well-established fact that artificial hyperemia can cure a tubercular process, Dr. Ernst Kuhn, of Berlin, assistant to Professor Von Leyden, at the Charité Clinic, has put this principle into practical form by constructing the so-called Pulmonary Suction Mask which is based upon Bier's original idea of producing artificial hyperemia of the lungs by suction. The purpose of the mask is to create through an obstruction to inspiration a negative pressure in the chest cavity, and thereby produce a suction of blood to the lungs.

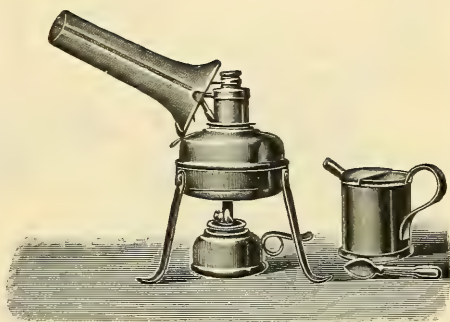
In diseases of the respiratory organs, especially pulmonary tuberculosis, the primary effect of the mask is to produce a rarification of the air in the chest by a gradable series of obstructed inspiratory acts. This causes an inrush or suction of blood, a passive hyperemia, with simultaneous increase in the lymph-current of the lungs.

This procedure may be regarded as the expression of the most rational, the most effective, and the only really harmless form of respiratory gymnastics. In addition to the development of the thorax and the strengthening of the respiratory organs which follow this procedure, it also affords protection from pulmonary hemorrhages, etc. Furthermore, it produces a number of the benefits which are usually associated with residence in high altitudes, among which may be mentioned increase in the appetite, improvement in sleeping, and improvement in the condition of the blood. Descriptive pamphlet will be sent upon request.

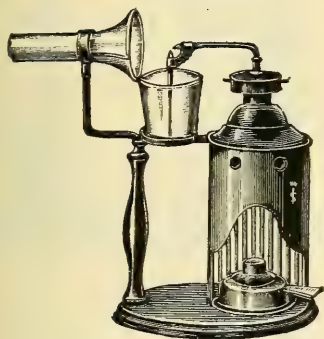




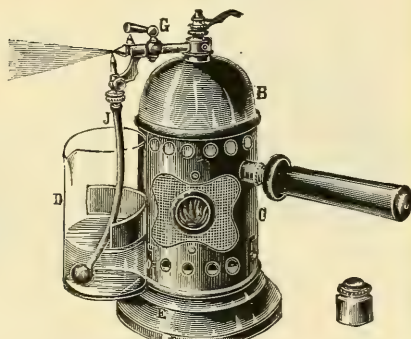
C/-14955-67



C/-14976-77



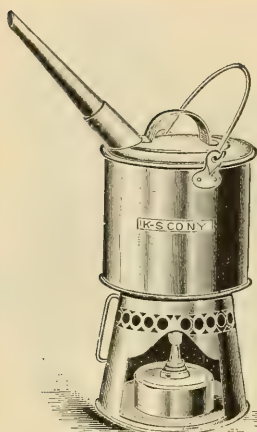
C/-14973



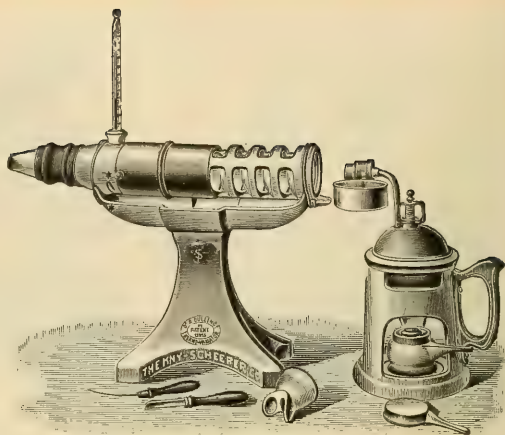
C/-14979

### Steam Atomizers

	Each
C/-14955 Tin, on metal base, with handle, metal spray tube.....	\$ 1.25
C/-14961 Brass, on metal base, with handle, metal spray tube.....	1.50
C/-14967 Nickel-plated, on metal base, with handle, metal spray tube.....	1.85
C/-14973 Nickel-plated, on metal base, with patent safety valve, metal spray tube.....	2.50
C/-14976 Saenger's, tin vessel, brass lamp, tin cup and spoon, metal spray tube.....	3.00
C/-14977 Saenger's, same as above, copper, nickel-plated.....	4.50
C/-14979 Championnière's Steam Spray, for disinfecting sick-rooms and for inhalation, spraying fully one hour without interruption; spray tube adjustable.....	7.50



C/-14985



C/-14989-90



C/-15033



C/-15039



C/-15045



C/-15051

## Steam Atomizers

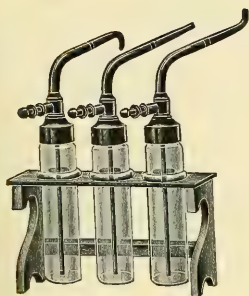
(Continued)

	Each
C/-14985 <b>Porter's</b> Croup Kettle .....	\$ 2.00
C/-14989 <b>Bulling's</b> Thermo-Variator, made of Bisque porcelain .....	20.00
C/-14990 <b>Bulling's</b> Thermo-Variator, made of heavily tinned metal .....	10.00

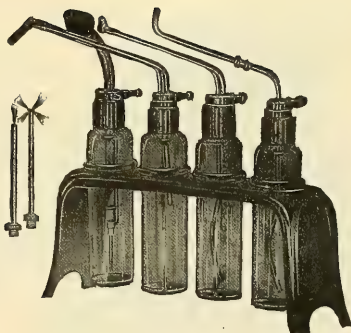
A pamphlet containing a complete description of Dr. Bulling's apparatus and his method of treatment will be sent upon request.

## Single Parts for Steam Atomizers

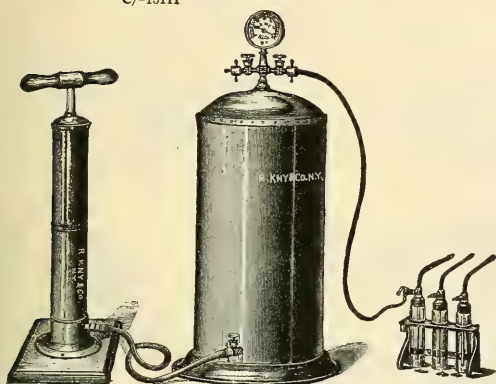
	Each
C/-15033 Spray Tubes, metal, with spring valve .....	\$ .50
C/-15039 Mouth Shield, glass, plain .....	.15
C/-15045 Mouth Shield, glass, with metal ring .....	.35
C/-15051 Medicine Cups, glass, plain .....	.10



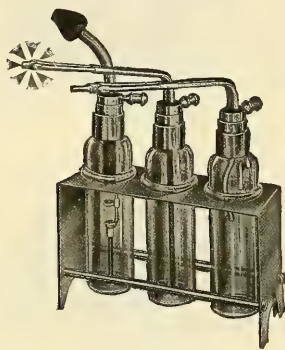
C/-15111



C/-15113



C/-15135-41



C/-15114

### Atomizers and Nebulizers for Compressed Air

	Each
C/-15111 Set of 3 Hard Rubber Atomizers, in tubular bottles, with metal-lined tips, straight, laryngeal and post nasal, in wooden rack. Specially intended for office, suited for hand bulbs or compressed air apparatus.....	\$ 3.00
C/-15113 Set of 4, metal, consisting of 2 Atomizers, 1 Powder Blower and 1 Nebulizer, in metal rack....	5.00
C/-15114 Set of 3, metal, Atomizer, Nebulizer and Powder Blower, in metal rack.....	3.00

### Compressed Air Apparatus

C/-15135 Compressed Air Outfit, consisting of a nickel-plated air receiver, 22 inches high, 10 inches diameter, extreme height 26 inches, tested to 100 pounds hydraulic pressure, guaranteed airtight and to stand the maximum pressure of 50 pounds; provided with pressure gauge, 1 screw valve (air outlet) for spray and 1 air inlet for pump, a nickel-plated pump, 21 inches high, 4 feet silk-covered tubing, 4 feet pressure tubing, an automatic cut-off and a set of 3 hard rubber spray tubes in wooden rack C/-15111; price complete.....	net	26.25
C/-15141 Same as C/-15135, except receiver of an extreme height of 28½ inches, and having 2 exhaust valves and 2 tubes to connect with spray tubes; price complete.....	net	28.50
Silk-covered tubing for above.....	per foot	.20
Pressure tubing for pump.....	per foot	.15

## The Tankless Air Compressor

With every improvement in operative technique, physicians demand of manufacturers a corresponding advance in implements. The latest call has been for an Air Compressor that would eliminate the bulky tanks; that would save a large percentage of current consumption, and at the same time be a compact, attractive piece of highly efficient office apparatus.

After long experimentation and a close study of the specialists' requirements, the Tankless Air Compressor was evolved. It is small enough to conveniently rest upon the marbled slate top of a white enameled table, yet leave sufficient room for spray tube racks, instruments and accessories.

The Pump is two cylinder, single acting. This is the type which, when operated by an electric motor, gives unvarying pressure. A simple accessible device makes the pressure regulation easy.

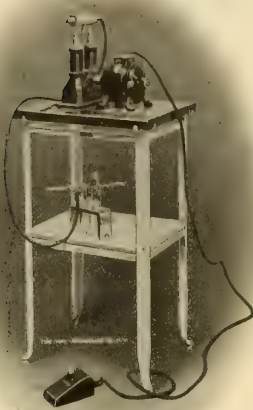
The Motor that operates the pump consumes very little current. But the great saving in current is due to the fact that it is consumed only when the spray is employed. The turning on and off of the current is controlled by a foot-operating floor switch.

Mounted on a beautiful white enameled stand with a top measuring 16x20 inches, 31 inches high, complete with motor, foot switch, conducting cord and socket plug, pressure tubing with an automatic cut-off, pressure regulator, and a set of selected sprays.

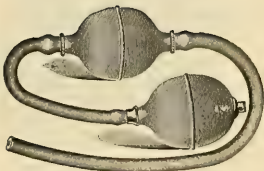
Each

G/-650 Tankless Air Compressor, for alternating current . . . \$83.50

G/-654 Tankless Air Compressor, for direct current. . . . . 73.50



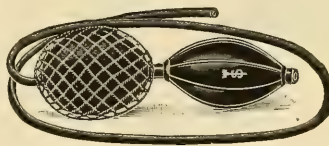
G/-650



C/-15201



C/-15195



C/-15207-19-25



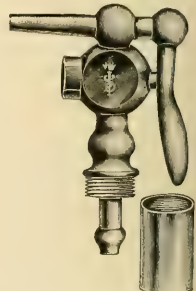
C/-15237



C/-15243

### Parts for Atomizers and Compressed Air Apparatus

	Each
C/-15195 Rubber Bulb, single, white rubber, with 4 inches of tubing. . . . .	\$ .35
C/-15201 Rubber Bulbs, double, white rubber, with 4 inches of tubing. . . . .	.75
C/-15207 Rubber Bulbs, double, black rubber, with silk netting, small, with 12 inches of tubing. . . . .	.75
C/-15219 Rubber Bulbs, double, large, with 16 inches of tubing. . . . .	1.00
C/-15225 Rubber Bulbs, double, extra large (thermo-cautery bulb), with 3 feet of tubing. . . . .	1.50
C/-15237 Foot Bulbs, double, black rubber, very powerful. . . . .	5.00
C/-15243 Metal Hand Pump, for atomizers, cylinder 2 1/2 inch, nickel-plated. . . . .	1.00
C/-15316 Automatic Cut-off. . . . .	1.75



C/-15316





C/-15321



C/-15326



C/-15323



C/-15325



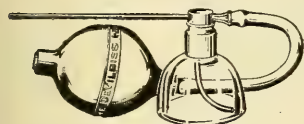
C/-15327



C/-15328



C/-15330



C/-15332



C/-15333



C/-15337



C/-15339

## Atomizers and Nebulizers



C/-15341

	Each
C/-15321 De Vilbiss' Atomizer, all metal, with universal spray tip.....	\$ 1.25
C/-15323 Atlas Atomizer, continuous spray, for oil or water.....	.50
C/-15325 Monarch Atomizer, hard rubber, with 3 tips.....	.75
C/-15326 De Vilbiss' Atomizer, for oil, aqueous or alcoholic solutions, with universal spray tip.....	1.00
C/-15327 De Vilbiss' Atomizer, same as above, with 2 bottles.....	1.25
C/-15328 Atlas Atomizer, for oil only.....	.50
C/-15330 De Vilbiss' Nebulizer.....	1.25
C/-15332 De Vilbiss' Atomizer, will spray any liquid.....	.75
C/-15333 Double Nasal Tip, can be attached to any De Vilbiss' Nebulizer.....	.25
C/-15337 Atlas Nasal Atomizer, for oil or water, with slip top.....	.50
C/-15339 Atlas Nasal Atomizer, for oil or water, with screw top.....	.60
C/-15341 De Vilbiss' Nebulizer, for oil only, produces a vapor.....	1.00



Fig. 90



Fig. 95



Fig. 96



Fig. 97

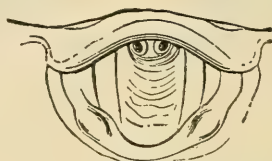
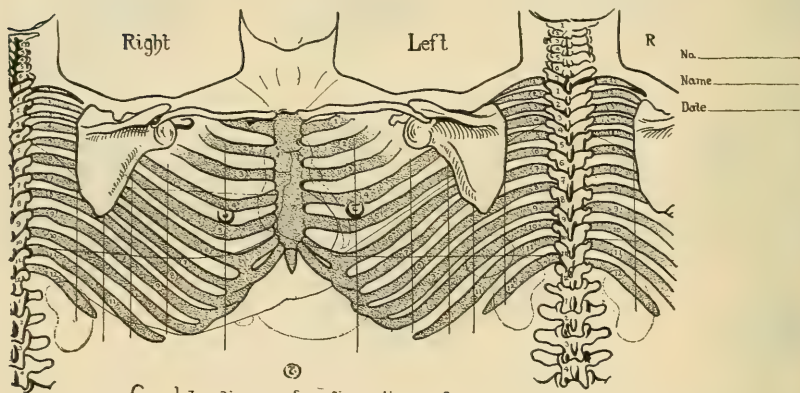


Fig. 98



Complete diagram for diagnostic record.

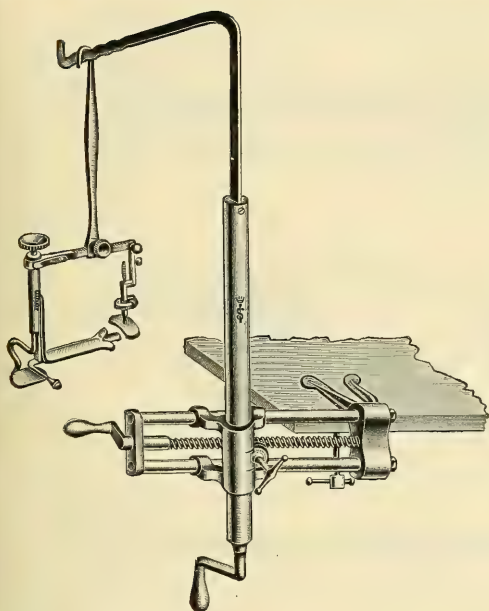
Fig. 143

### Rubber Stamps

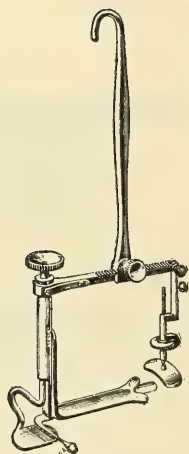
A/-4036 Anatomical Diagrams for Diagnosis and Pathological Records.

	Each
Fig. 90 Palate.....	\$ .75
Fig. 95 Larynx and Vocal Cords.....	.75
Fig. 96 Larynx and Vocal Cords, after Tuerk, during phonation.....	.75
Fig. 97 Larynx and Vocal Cords, after Tuerk, during respiration.....	.75
Fig. 98 Larynx and Vocal Cords, after Tuerk, posterior walls of larynx.....	.75
Fig. 143 Thoracic Diagram, showing front, back and side, after S. A. Knopf.....	3.50

For complete assortment of rubber stamps, see catalogue section A. Illustrations represent actual sizes.



C/-15405



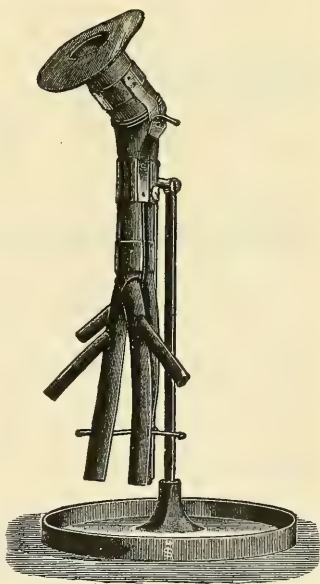
C/-15405

# Instruments for Direct Laryngoscopy, Bron- choscopy and Esophagoscopy

- C/-15405 **Killian's** Suspension Laryngoscope, modified by Albrecht, latest pattern, for laryngoscopy with the patient's head suspended in the swinging position, after the Killian method. Complete, with 3 spatulas of different sizes. \$ 100.00

(For detailed description, see *The Laryngoscope*, June, 1913.)

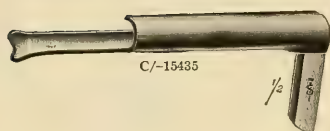
- C/-15412 **Killian's** Phantom for Bronchoscopy and Esophagoscopy ..... 30.00



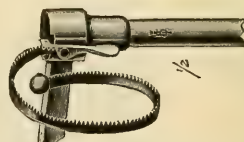
C/-15412



C/-15421 to C/-15427



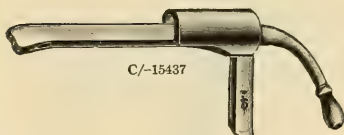
C/-15435



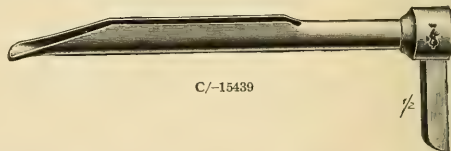
C/-15421 to C/-15427  
Showing locking device for extension tube.



C/-15432



C/-15437



C/-15439



C/-15441

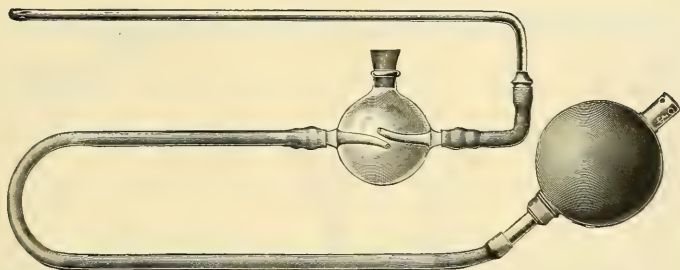
### Instruments for Direct Laryngoscopy, Bronchoscopy and Esophagoscopy

(Continued)

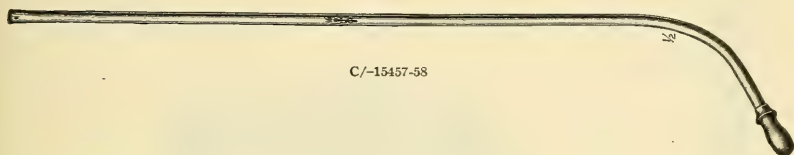
	Each		Each
C/-15421 Bruenings' Extension Bronchoscope, 5 mm. diameter, for infants	\$ 6.25	C/-15432 Bruenings' Extra Inside Tube, for esophagoscopy, 10 mm. diameter, to be used with spatula C/-15424, for women	\$ 3.50
C/-15422 Bruenings' Extension Bronchoscope, 7 mm. diameter, for children	6.50	C/-15435 Bruenings' Open Spatula, for small children and infants	3.00
C/-15423 Bruenings' Extension Bronchoscope, 8½ mm. diameter, for women	6.75	C/-15437 Bruenings' Suction Spatula, for small children and infants	3.50
C/-15424 Bruenings' Extension Bronchoscope, 10 mm. diameter, for men	7.00	C/-15439 Bruenings' Autoscopic Spatula, 2 sizes, for adults	2.75
C/-15427 Bruenings' Extension Esophagoscope, 12 mm. diameter, for men	7.50	C/-15441 Bruenings' Obturator or Bougie, flexible, 3 sizes, for use with large size Bronchoscopes and Esophagoscope	1.75

Above are to be used in connection with Bruenings' Electroscop.

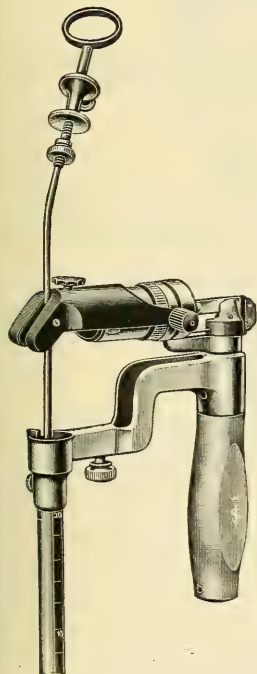




C/-15451



C/-15457-58



C/-15447

### Instruments for Direct Laryngoscopy, Bronchoscopy and Esophagoscopy

(Continued)

Each

- C/-15447 **Bruenings' Electro-scope**, latest model, for use in connection with laryngoscopic, bronchoscopic and esophagoscopic tubes..... \$ 30.00

This new model has several superior features over the earlier forms of the Bruenings' Electro-scope, principal of which is the one permitting the free use of forceps and other operating instruments without in any way disturbing the lighting system. This is accomplished by means of a slot in the mirror, which transmits the light by reflection from the lamp to the end of the tube.

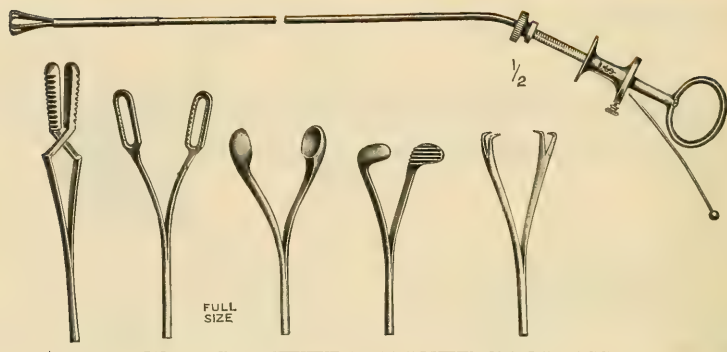
The plan of supplying the light in this manner overcomes the difficulty sometimes experienced on account of blood and mucous covering the lamp when it is used inside of the tube.

Each

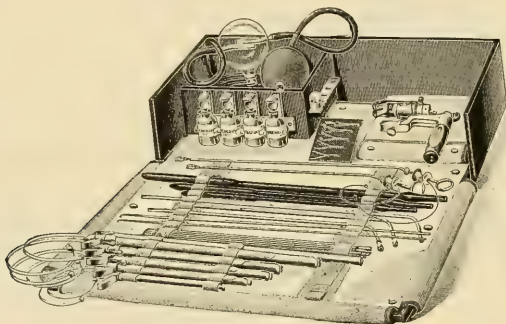
- C/-15451 **Bruenings' Aspirator**, or suction apparatus, for blood and mucous, with one suction tube..... \$ 6.00

- C/-15457 **Bruenings' Suction Tubes**, 2 sizes, for use with bronchoscopes, 28 and 40 cm. long ..... .50

- C/-15458 **Bruenings' Suction Tube**, for use with esophagoscope, 53 cm. long, jointed..... .75



C/-15463-64



C/-15469

### Instruments for Direct Laryngoscopy, Bronchoscopy and Esophagoscopy

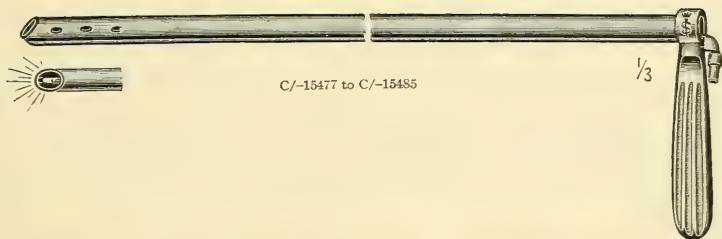
(Continued)

	Each
C/-15463 Bruenings' Extendible Forceps, for bronchoscopy, with 5 attachments.....complete set	\$ 15.00
These forceps are so arranged that the shank may be adjusted to any length desired. They are very slender and can be used through the smallest size tubes.	
C/-15464 Bruenings' Extendible Forceps, for esophagoscopy, same as above, extra long, with 5 attachments.....complete set	16.00
C/-15469 Bruenings' Operating Set of Laryngeal, Bronchial and Esophageal Instruments, in compact case.....complete set	120.00

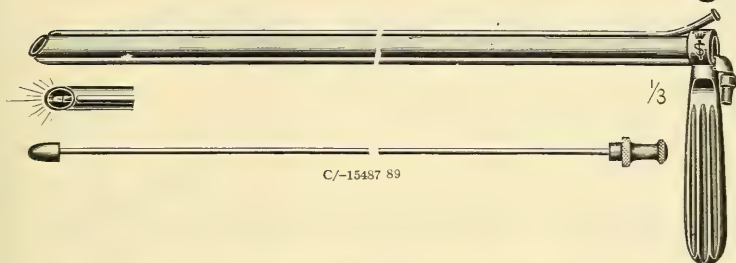
#### Contents

C/-15447 1 Bruenings' Electroscope, with cable.  
 C/-15421-27 5 Bruenings' Extension Tubes.  
 C/-15432 1 Bruenings' Extra Inside Tube.  
 C/-15441 3 Bruenings' Flexible Bougies.  
 C/-15463-64 2 Bruenings' Extendible Forceps, with 5 attachments.  
 C/-15451 1 Bruenings' Aspirator, with 3 Suction Tubes.

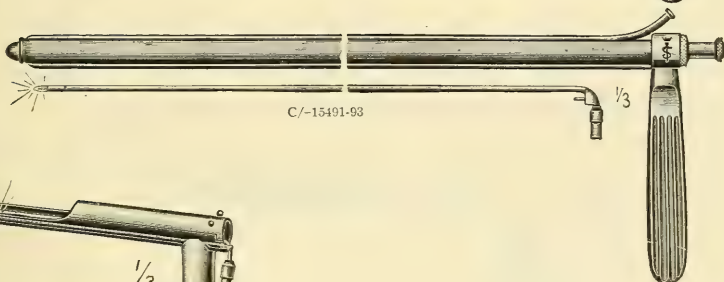
C/-15647 1 Killian's Sharp Hook.  
 C/-15650 1 Killian-Lister's Hook.  
 C/-15645 12 Double-ended Cotton Carriers.  
 C/-15435 1 Autoscopic Spatula, for children.  
 C/-15439 2 Autoscopic Spatulas, for adults.  
 1 "Record" Cocain Syringe, with 3 canulæ.  
 4 Glass-stoppered Bottles, with labels.



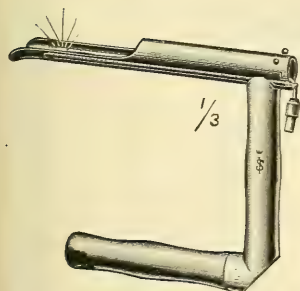
C/-15477 to C/-15485



C/-15487 89



C/-15491-93



C/-15495-97

## Instruments for Direct Laryngoscopy, Bronchoscopy and Esophagoscopy

(Continued)

	Each
C/-15477 Jackson's Bronchoscope, 4 mm. diameter, 30 cm. long, for children.....	\$12.00
C/-15479 Jackson's Bronchoscope, 5 mm. diameter, 30 cm. long, for children.....	12.00
C/-15481 Jackson's Bronchoscope, 5 mm. diameter, 40 cm. long, for children.....	13.50
C/-15483 Jackson's Bronchoscope, 7 mm. diameter, 40 cm. long, for adults.....	13.50
C/-15485 Jackson's Bronchoscope, 9 mm. diameter, 40 cm. long, for adults.....	15.00
C/-15487 Jackson's Esophagoscope, with auxiliary drainage tube, 7 mm. diameter, 45 cm. long, for children.....	15.00

	Each
C/-15489 Jackson's Esophagoscope, with auxiliary drainage tube, 10 mm. diameter, 53 cm. long, for adults.....	\$18.00
C/-15491 Jackson's Gastroscope, with auxiliary drainage tube, 10 mm. diameter, 70 cm. long.....	21.00
C/-15493 Jackson's Gastroscope, with auxiliary drainage tube, 10 mm. diameter, 80 cm. long.....	24.00
C/-15495 Jackson's Laryngeal Speculum, with removable slide, 12 mm. diameter, 14 cm. long, for children.....	18.00
C/-15497 Jackson's Laryngeal Speculum with removable slide, 14 mm. diameter, 16 cm. long, for adults.....	18.00

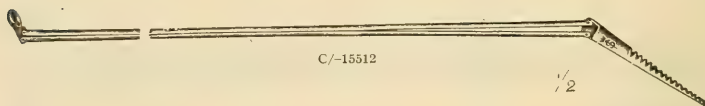
The Laryngeal Specula are made with a removable handle, which can be screwed off when the instrument is to be used with the patient in the sitting position.



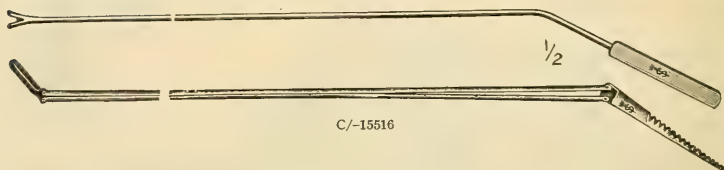
C/-15506



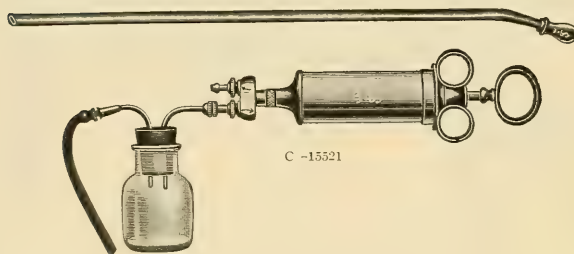
C/-15509



C/-15512



C/-15516



C/-15521

### Instruments for Direct Laryngoscopy, Bronchoscopy and Esophagoscopy

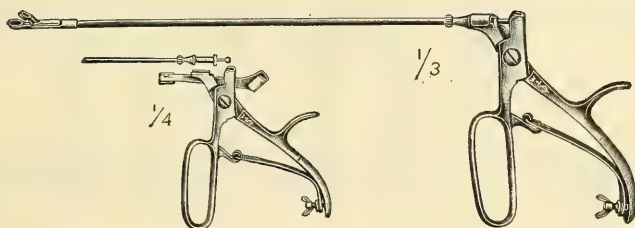
(Continued)

	Each
C/-15506 Coolidge's Sponge Holder, for bronchoscopy, 37 cm. long.....	\$ 1.50
C/-15509 Jackson's Sponge Holder, for bronchoscopy and esophagoscopy, 62 cm. long.....	2.25
C/-15512 Jackson's Mechanical Spoon, or Bean Extractor.....	6.50
C/-15516 Jackson's Safety-Pin Closer, with instrument for pushing pin into ring.....	6.50
C/-15521 Jackson's Aspirator, for blood and mucous, with 2 suction tubes; pump entirely of metal.....	10.00
C/-15527 Ingals' Pin Finder.....	2.00



C/-15527





C/-15531

### Instruments for Direct Laryngoscopy, Bronchoscopy and Esophagoscopy

(Continued)

	Each
C/-15531 Universal Detachable Handle, handle only, without canula.....	\$ 6.00
C/-15535 Straight Canula, for bronchoscopy, 20 cm. (8 inches) long.....	2.50
C/-15538 Straight Canula, for bronchoscopy, 40 cm. (16 inches) long.....	2.50
C/-15541 Straight Canula, for esophagoscopy, 56 cm. (22 inches) long.....	2.50

### Universal Grasping and Cutting Forceps

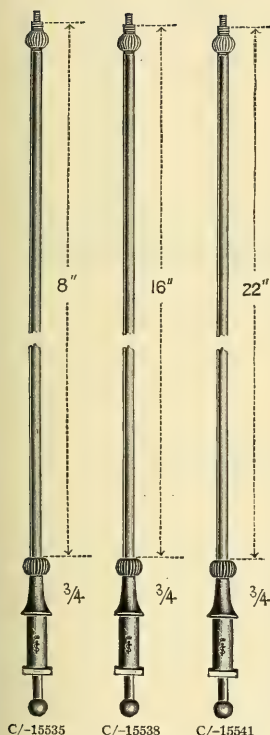
For Operating in the Larynx, Bronchial Tubes and Esophagus  
With detachable handle and interchangeable tips

These instruments are all constructed on the alligator-jaw principle, and this, in connection with the arrangement of the universal handle, insures their cutting in any position in which they are placed. The distal end, or cutting tip, of the instrument will not recede from the point at which it is desired to cut, when the handles are closed.

The Universal Detachable Handle by its mechanical perfection gives great power and accuracy, combined with durability, without sacrificing the necessary delicacy of touch. It is designed to fit the hand perfectly, and the angle at which the canula is placed carries the operator's hand well out of the line of vision.

The tips are screwed to the end of the canula, and may be turned and fixed in any desired position. The canula and cutting tip can be rotated in the handle, without withdrawing the instrument after it has been introduced, by means of the milled thumb screw attached to the canula near the handle. By an ingenious arrangement, well shown in the illustration, the canula can be attached to or detached from the handle without the loss of a moment's time.

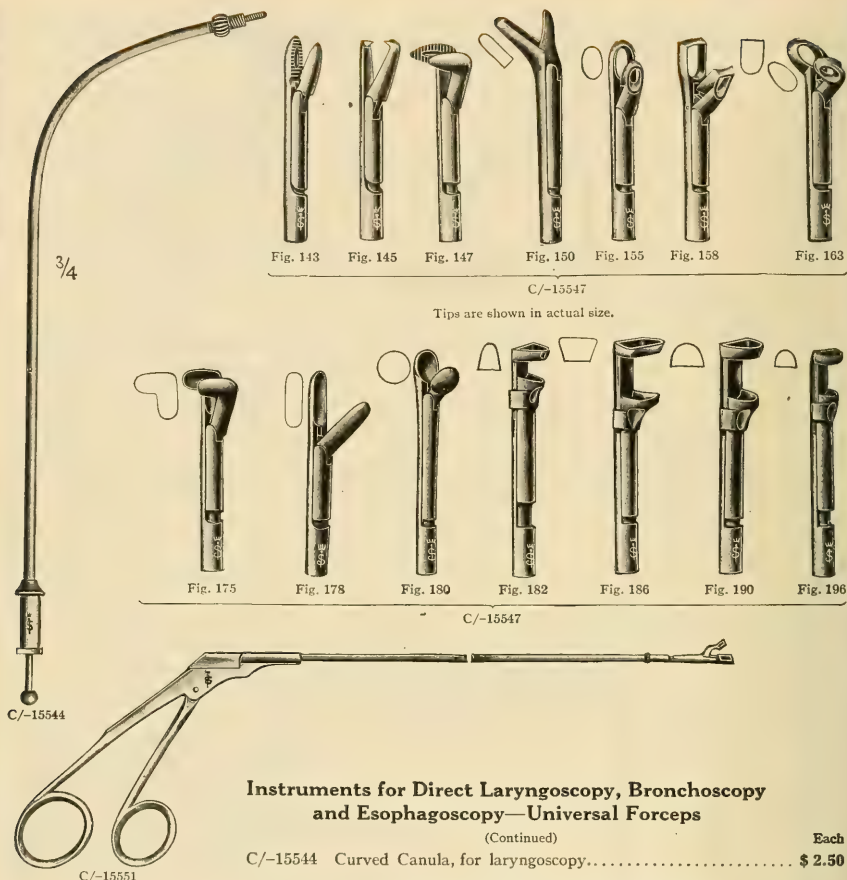
The Universal Detachable Handle is the same as shown under C/-8158, and in addition to the Laryngeal and Bronchoscopic Instruments, a large variety of blades are made to fit this handle, for Nasal, Ethmoid and Sphenoid, Antrum, Tonsil and Frontal Sinus operations; see pages 3132 to 3136.



C/-15535

C/-15538

C/-15541



### Instruments for Direct Laryngoscopy, Bronchoscopy and Esophagoscopy—Universal Forceps

(Continued)

Each

C/-15544 Curved Canula, for laryngoscopy..... \$ 2.50

C/-15547 Universal Grasping and Cutting Tips, alligator action, fitting above canulae, patterns Figs. 143 to 196, as follows:

Fig. 143	Grasping Forceps, straight, serrated.....	5.00
Fig. 145	Grasping Forceps, straight, mouse-toothed.....	5.00
Fig. 147	Grasping Forceps, angular bent, serrated.....	5.00
Fig. 150	Struycken's Punch Forceps.....	5.75
Fig. 155	Krause's Punch Forceps, oval shape, fenestrated blades.....	5.75
Fig. 158	Krause's Punch Forceps, square shape, fenestrated blades.....	5.75
Fig. 163	Scheinmann's Punch Forceps, angular bent, fenestrated blades (subglottis).....	6.50
Fig. 175	Scheinmann's Cutting Forceps, angular bent, solid blades (subglottis).....	6.25
Fig. 178	Fraenkel's Cutting Forceps, straight, solid blades.....	6.00
Fig. 180	Killian's Cutting Forceps, round, solid blades.....	6.00
Fig. 182	Cordes' Curette Forceps, punching action, for growths of the inferior commissure.....	6.75
Fig. 186	Cordes' Curette Forceps, punching action, for infiltrations and pachydermic growths of the posterior wall.....	6.75
Fig. 190	Cordes' Curette Forceps, punching action, for large growths, papillomata, etc.....	6.75
Fig. 196	Cordes' Curette Forceps, punching action, for singers' nodes.....	6.50

C/-15551 Jackson's Cutting Forceps, with scissors handle; with 1 canula, 20, 40 or 56 cm. long, and 1 cutting tip C/-15547, as selected; complete..... 15.50



C/-15576 to C/-15581



C/-15585



C/-15589



C/-15593



C/-15597

## Instruments for Direct Laryngoscopy, Bronchoscopy and Esophagoscopy

(Continued)

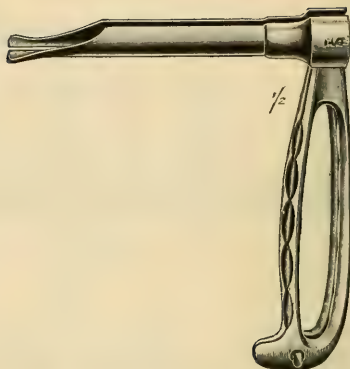
Each

Each

C/-15576	<b>Killian's</b> Bronchoscope or Esophagoscope, with side openings and slide, 7 mm. diameter, for children, made in 4 lengths, 18, 23, 28 and 35 cm. ....	\$ 2.75	C/-15585	<b>Killian's</b> Esophagoscope, without side openings, 13 mm. diameter, for adults, made in 2 lengths, 42 and 52 cm. ....	\$ 3.50
C/-15579	<b>Killian's</b> Bronchoscope or Esophagoscope, with side openings and slide, 9 mm. diameter, for adults, made in 4 lengths, 18, 28, 35 and 41 cm. ....	3.00	C/-15589	<b>Killian's</b> Intralaryngeal Tubular Spatula, for autscopy, 3 sizes, 9, 12 and 18 cm. in length. ....	3.25
C/-15581	<b>Killian's</b> Bronchoscope or Esophagoscope, with side openings and slide, 11 mm. diameter, for adults, made in 3 lengths, 35, 45 and 52 cm. ....	3.50	C/-15593	<b>Kirstein's</b> Tube, for inspection of the retrolaryngeal part of the esophagus, size 10 mm. diameter, 28 cm. long. ....	3.50
			C/-15597	<b>Killian's</b> Metal Handle, fitting all of the above instruments. ....	2.50



C/-15601



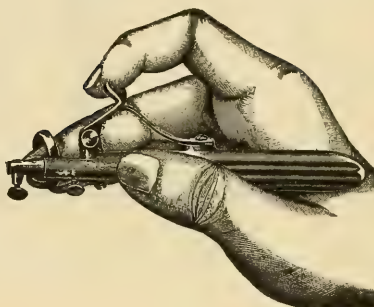
C/-15605



C/-15611



C/-15618



C/-15627



C/-15621



C/-15622



C/-15623

## Instruments for Direct Laryngoscopy, Bronchoscopy and Esophagoscopy

(Continued)

	Each
C/-15601 Killian's Autoscopic Spatula . . . . .	\$ 1.75
C/-15605 Killian's Intralaryngeal Spatula, split in center; 3 sizes, small for children, medium and large for adults . . . . .	8.50
C/-15611 Killian's Graspng Forceps, mouse-toothed, 2 lengths, 32 and 52 cm . . . . .	4.00
C/-15612 Killian's Curette Forceps, 2 lengths, 32 and 52 cm . . . . .	4.25
C/-15613 Killian's Dilating Instrument, for extracting hollow foreign bodies, 2 lengths, 32 and 52 cm . . . . .	4.25
Above forceps are used with handle C/-15618.	
C/-15618 Killian's Handle, for forceps C/-15611-12-13 . . . . .	5.00
C/-15621 Killian's Graspng Forceps, serrated, 2 lengths, 32 and 52 cm . . . . .	4.00
C/-15622 Killian's Graspng Forceps, mouse-toothed, 2 lengths, 32 and 52 cm . . . . .	4.00
C/-15623 Killian's Curette Forceps, 2 lengths, 32 and 52 cm . . . . .	4.25
Above forceps are used with handle C/-15627.	
C/-15627 Killian's Handle, for forceps C/-15621-22-23 . . . . .	7.50



C/-15612



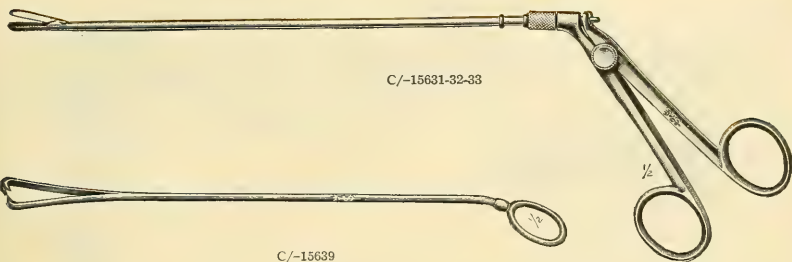
C/-15613

C/-15611-12-13



C/-15621-22-23





C/-15631-32-33

C/-15639



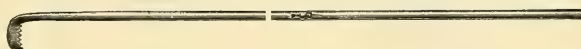
C/-15645



C/-15647



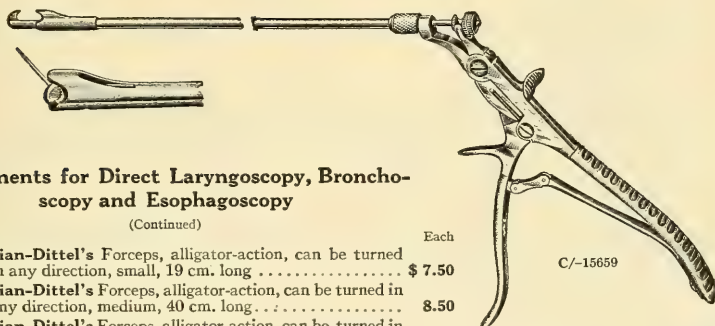
C/-15648



C/-15650



C/-15653

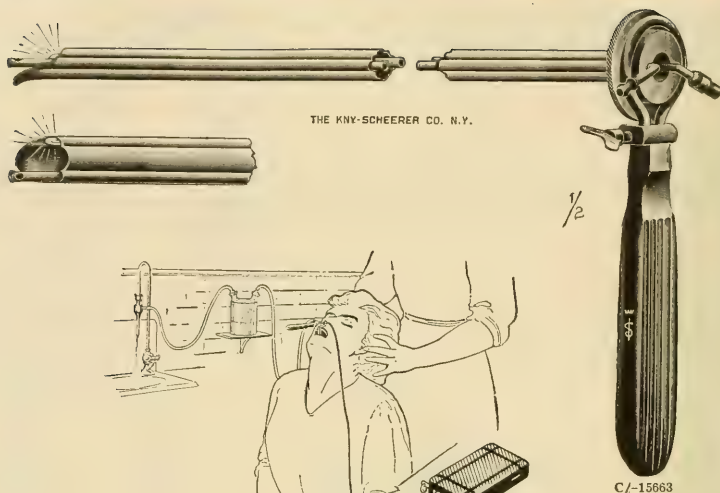


C/-15659

# Instruments for Direct Laryngoscopy, Broncho- scopy and Esophagoscopy

(Continued)

	Each	
C/-15631 Killian-Dittel's Forceps, alligator-action, can be turned in any direction, small, 19 cm. long . . . . .	\$ 7.50	
C/-15632 Killian-Dittel's Forceps, alligator-action, can be turned in any direction, medium, 40 cm. long . . . . .	8.50	
C/-15633 Killian-Dittel's Forceps, alligator-action, can be turned in any direction, long, 56 cm. long . . . . .	9.50	
C/-15639 Killian's Sponge Holder, 3 lengths, 32, 40, 52 cm. . . . .	\$ 1.25	
C/-15645 Killian's Cotton Carrier, double-ended, 52 cm. long, jointed . . . . .	.50	
C/-15647 Killian's Sharp Hook, 3 lengths, 30, 45, 52 cm. . . . .	.75	
C/-15648 Killian's Blunt Hook, 3 lengths, 30, 45, 52 cm. . . . .	.75	
C/-15650 Killian-Lister's Hook, 3 lengths, 30, 45, 52 cm. . . . .	.75	
C/-15653 Universal Metal Handle for above . . . . .	.50	
C/-15659 Casselberry's Bronchoscopic Pin Cutter and Fragment Holder, blade can be turned and set in the desired position . . . . .	18.00	



Lerche's Esophagoscope introduced, with suction apparatus and battery attached.

## Instruments for Esophagoscopy

(Continued)

	Each
C/-15663 <b>Lerche's Improved Esophagoscope</b> , made in 3 sizes. Price, complete with handle, 2 suction tubes, light-carrier and cord.....	\$35.00
C/-15667 Complete Set of 3 sizes, 2 for adults, 1 for children, with 1 handle, in fine case .....	85.00
C/-15669 <b>Lerche's Suction Apparatus</b> , complete with Chapman pump, bottle, tubing, etc. ....	6.50
C/-15671 Dry Cell Battery, with rheostat for operating Lerche's Esophagoscope (can also be used for lighting cystoscopes, head lights, etc.).....	5.00

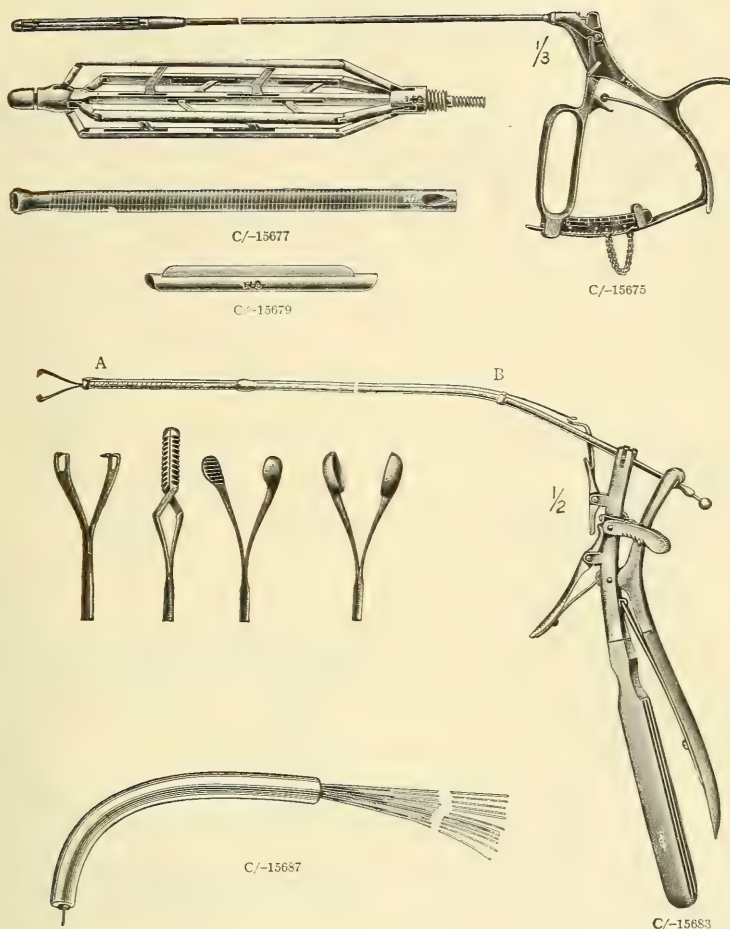
In the construction of the Lerche Esophagoscope, as a result of wide experience and painstaking experimentation on the part of the author, are combined all the essential features of a practical working esophagoscope. Unlike most instruments for this purpose, it is *not* provided with an obturator, and is easily introduced without it. For this reason the distal end of the tube is provided with a thick protective lip. This permits the illuminated instrument to be introduced under the guidance of the eye, so that the entire tract through which it passes can be inspected.

The lamp is at the distal end of the tube, i. e., as close to the object to be examined as possible, thus affording a brilliant illumination. This position of the lamp also permits the introduction of instruments into the tube without intercepting the rays of light. The dry cell battery is used for illuminating the lamp. The street electric current should not be used whenever the instrument is connected with the water faucet.

The suction tube is for the removal of fluids accumulating during the operation; it is movable and long enough that it can be pushed beyond the lamp and to the very end of the instrument. It is connected with the Lerche suction apparatus, and by this simple contrivance the field of operation is kept constantly dry, enabling the surgeon to work rapidly, thus reducing the length of the sitting to a minimum.

Three sizes of tubes are required: two for adults, 10 mm. inside diameter and 50 cm. resp., 25 cm. long; one for children, 8 mm. inside diameter and 35 cm. long.

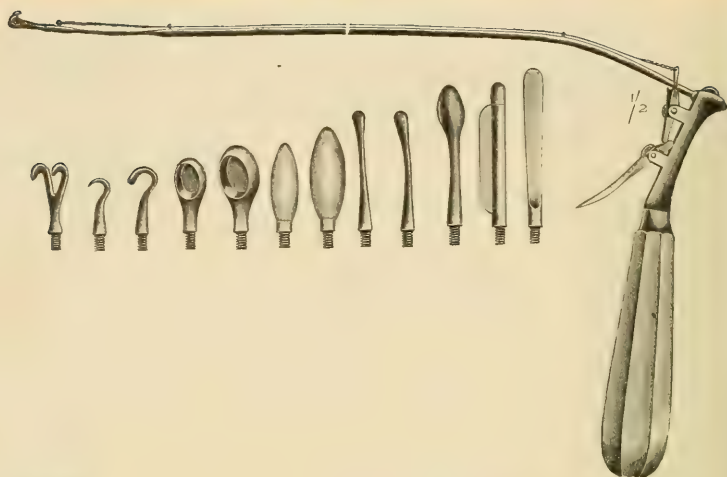
Dr. Lerche's operating instruments for esophagoscopy work through the esophagoscope are shown in the following pages.



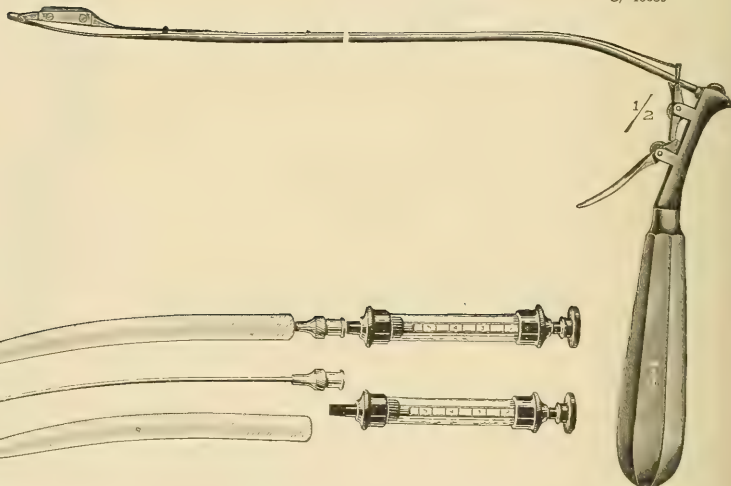
### Instruments for Esophagoscopy

(Continued)

	Each
C/-15675 <b>Lerche's</b> Esophageal Dilator, four-bladed, with 2 shanks, 37 and 55 cm. long.....	\$ 35.00
C/-15677 <b>Lerche's</b> Flexible Spiral Tip or Filiform Guide for same, screwing to end of dilator.....	2.75
C/-15679 <b>Lerche's</b> Knife or Stricture Cutter, arranged to slip onto blade of dilator.....	2.00
C/-15683 <b>Lerche's</b> Forceps for Esophagoscopy, with 4 attachments and 3 shanks, 30, 40 and 56 cm. long from A to B, complete set.....	30.00
C/-15687 <b>Lerche's</b> Curved Tube, with 12 long, fine filiforms for locating stricture in the esophagus, set	9.75



C/-15689



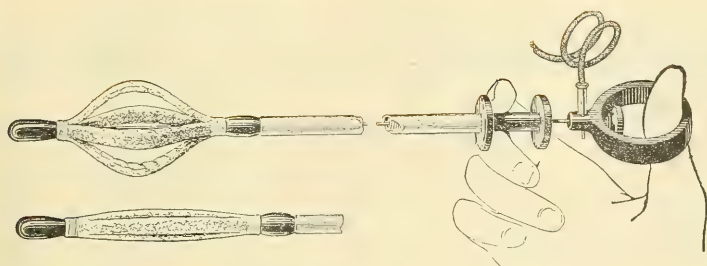
C/-15691

### Instruments for Esophagoscopy

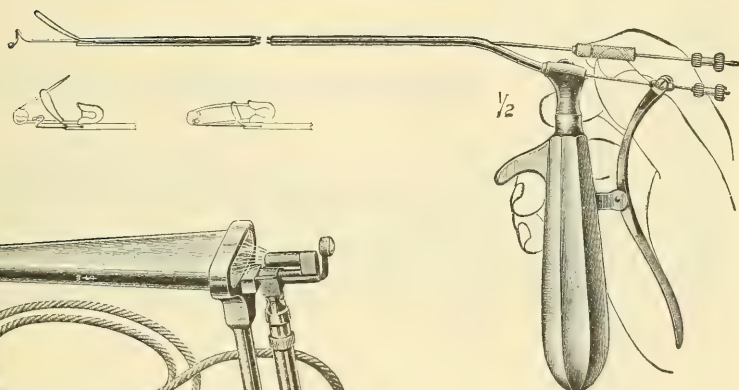
(Continued)

C/-15689	Lerche's Set of Instruments, with 12 attachments and 3 shanks, 30, 40 and 56 cm. long, complete set.....	Each \$25.00
C/-15691	Lerche's Stricture Incisor, with 3 shanks, 30, 40 and 56 cm. long, complete set.....	18.00
C/-15693	Lerche's Syringe, with protecting soft rubber tube, for instillation of nitrate of silver solution into the esophagus.....	3.50

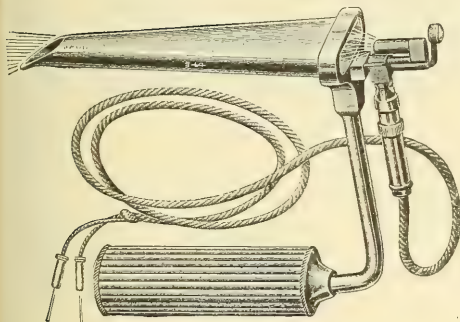




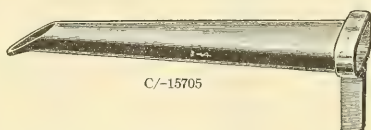
C/-15693



C/-15697



C/-15703

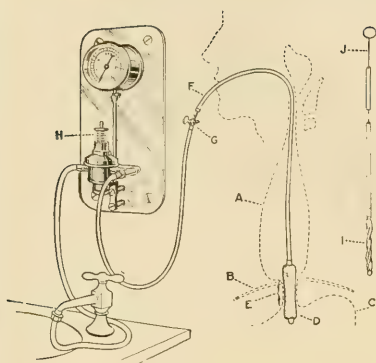


C/-15705

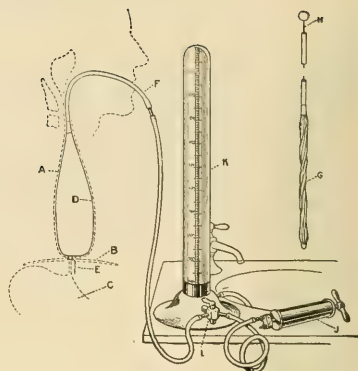
## Instruments for Direct Laryngoscopy and Esophagoscopy

(Continued)

	Each
C/-15695 Lerche's Esophageal Electrode.....	\$ 16.50
C/-15697 Lerche's Safety-Pin Closer and Extractor, with 2 shanks, 40 and 55 cm. long.....	18.75
C/-15703 Yankauer's Direct Laryngoscope, binocular, with handle and electric light attachment.....	24.00
C/-15705 Yankauer's Direct Laryngoscope, binocular, to fit Bruenings' Electroscope C/-15447.....	8.50



C 15721



C/-15723

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C/-15739



C/-15728



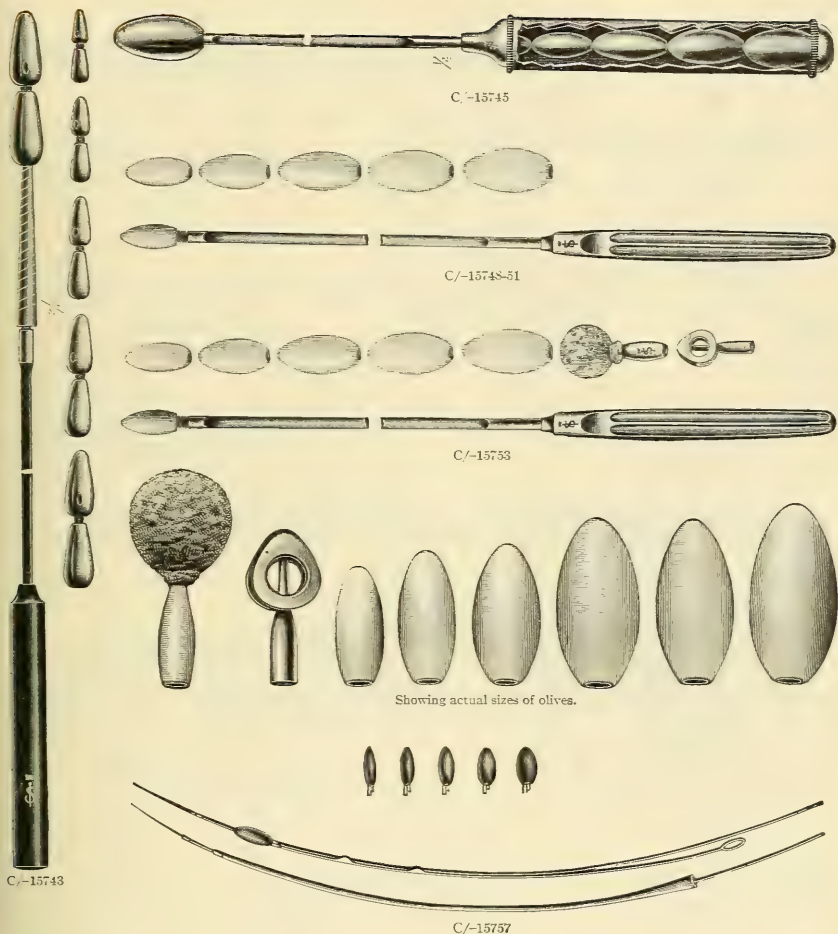
C/-15730



C/-15735

### Esophageal Dilators and Bougies

		Each
C/-15721	Lerche's Apparatus, for dilating the cardia in cardiospasm, complete with pressure regulator and gauge.....	\$16.50
C/-15723	Lerche's Esophagometer, for determining the capacity of the esophagus.....	30.00
C/-15728	Esophageal Bougies, cylindrical, 70 cm. long, sizes 16 to 36 French scale, even numbers.....	1.25
	Sizes 38 and 40. . \$1.50      Sizes 42 and 44. . \$1.75      Sizes 46 and 48. . 2.00	
C/-15730	Esophageal Bougies, conical tip, 70 cm. long, sizes 16 to 36 French scale, even numbers.....	1.25
	Sizes 38 and 40. . \$1.50      Sizes 42 and 44. . \$1.75      Sizes 46 and 48. . 2.00	
C/-15735	Esophageal Bougies, olivary tip, 70 cm. long, sizes 16 to 36 French scale, even numbers.....	1.50
	Sizes 38 and 40. . \$2.00      Sizes 42 and 44. . \$2.25      Sizes 46 and 48. . 2.50	
C/-15739	MacKenzie-Ingals' Esophageal Bougies, oval form, 10 sizes, Nos. 5 to 8.....	1.25
	..... Nos. 9 to 14.....	1.50



## Esophageal Dilators

(Continued)

		Each
C/-15743	<b>Plummer's</b> , with whalebone stem, 6 pairs of double metal olives, and flexible spiral tip. The olives are perforated to permit passing them over a silk thread; complete, in case.....	\$ 7.50
C/-15745	<b>Trousseau's</b> , with flexible metal stem and 6 metal olives. The handle is hollow, and serves as a receptacle for the olives.....	2.75
C/-15748	<b>Trousseau's</b> , with flexible metal stem and 6 hard rubber olives, in case.....	2.25
C/-15751	<b>Trousseau's</b> , with flexible metal stem and 6 white celluloid olives, in case.....	2.75
C/-15753	<b>Trousseau's</b> , with flexible metal stem, sponge tip, coin catcher and 6 white celluloid olives, in case.....	5.00
C/-15757	<b>Verneuil's</b> , with 6 white celluloid olives, filiform guide, 110 cm. long, and woven bougie.....	6.00



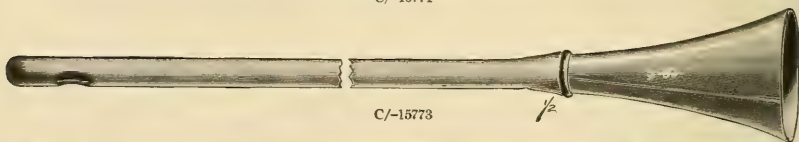
C/-15765



C/-15769



C/-15771



C/-15773



C/-15778

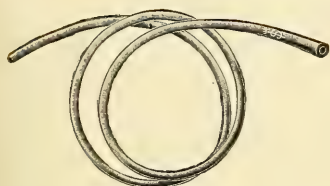


C/-15781

## Stomach Tubes

	Each
C/-15765 <b>Ewald's</b> , soft rubber, seamless, finest quality, 30 inches long, sizes 8 to 13 mm. diameter.....	\$ 1.50
C/-15769 <b>Faucher's</b> , soft rubber, with funnel end, 60 inches long, sizes 7 to 9 mm. diameter.....	1.35
Sizes 10 and 11 mm. diameter.....	1.50
Sizes 12 and 13 mm. diameter.....	1.75
C/-15771 <b>Faucher's</b> , soft rubber, with funnel end and suction bulb in center, 60 inches long	
Sizes 7 to 9 mm. diameter.....	1.50
Sizes 10 and 11 mm. diameter.....	1.75
Sizes 12 and 13 mm. diameter.....	2.00
C/-15773 <b>Faucher's</b> , soft rubber, seamless, finest quality, with hard rubber funnel, sizes 9 to 12 mm. diameter.....	4.00
C/-15778 <b>Jacques'</b> , soft rubber, seamless, finest quality, 30 inches long, sizes 8 to 13 mm. diameter....	1.50
C/-15781 <b>Turck's</b> , double current, soft rubber, 34 inches long.....	1.75





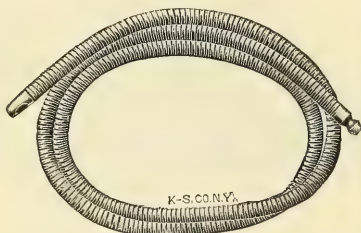
C/-15795



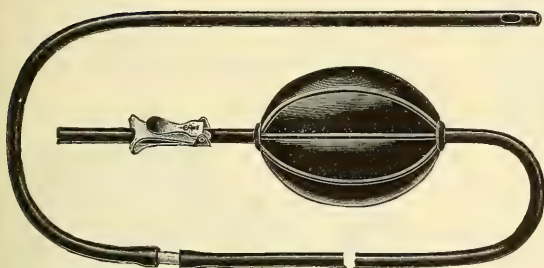
C/-15797-99



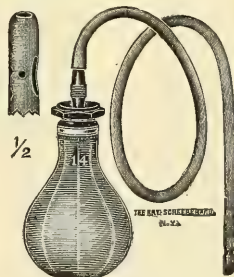
C/-15801



C/-15803



C/-15809



C/-15812

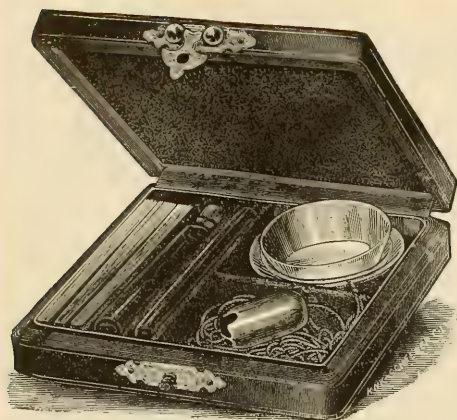
## Stomach Tubes

(Continued)

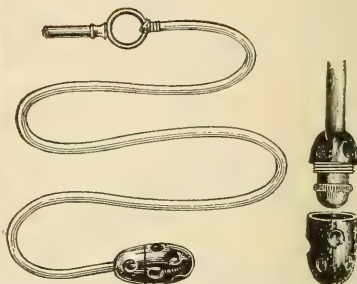
	Each
C/-15795 <b>Paine's</b> , for nasal feeding, finest seamless soft rubber, with funnel end, 25 inches long, sizes 18, 19 and 20 French scale.....	\$ 1.50
C/-15797 Webbing, brown English, plain, 30 inches long.....	.85
C/-15799 Webbing, brown English, with spiral wire reinforcement, 30 inches long.....	1.00
C/-15801 Webbing, black French, with funnel end, 30 inches long.....	1.25
C/-15803 Spiral Metal, flexible, 48 inches long.....	1.50

## Stomach Evacuators

C/-15809 <b>Boas'</b> , finest seamless tube, with large suction bulb.....	4.25
C/-15812 <b>Ewald's</b> , large suction bulb, with tube C/-15765.....	4.50



C/-15821



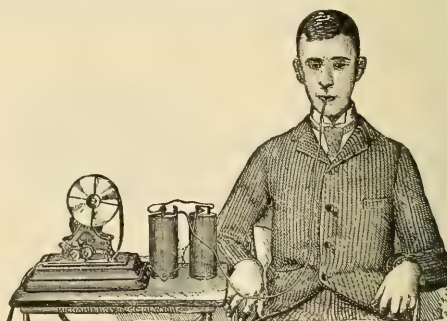
C/-15823



C/-15825



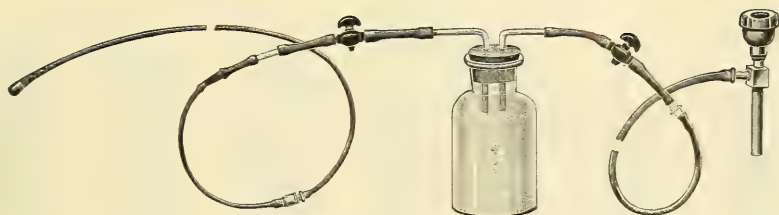
C/-15827



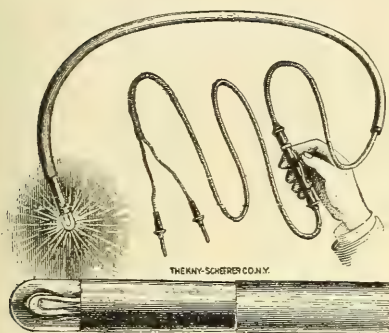
C/-15829

### Instruments for Gastric Diagnosis

		Each
C/-15821	<b>Einhorn's Outfit</b> , for stomach diagnosis. in case.....	\$ 4.50
	<b>Contents</b>	
	1 Stomach Bucket, silver.	1 Glass Pipette.
	1 Nest of 3 Porcelain Dishes.	1 Small Glass Bucket.
	1 Glass Rod.	1 Vial of Guenzberg's Solution.
C/-15823	<b>Einhorn's Deglutable Electrode</b> , for direct application of electricity to the stomach.....	3.00
C/-15825	<b>Einhorn's Duodenal Bucket</b> , gold-plated.....	3.25
C/-15827	<b>Einhorn's Gastrokinesograph</b> , for recognizing the motivity of the stomach.....	15.00
C/-15829	<b>Einhorn's Recording Apparatus for Gastrokinesograph</b> .....	25.00

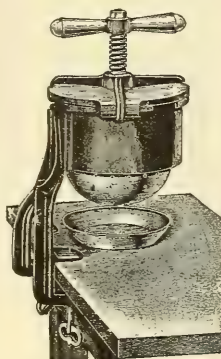


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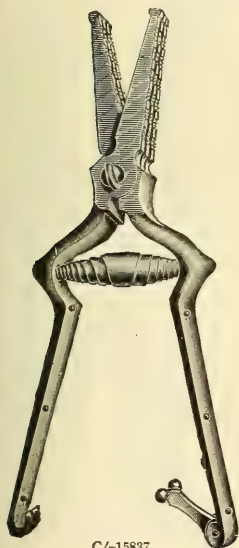


THE KAY-SCHERER CO. N.Y.

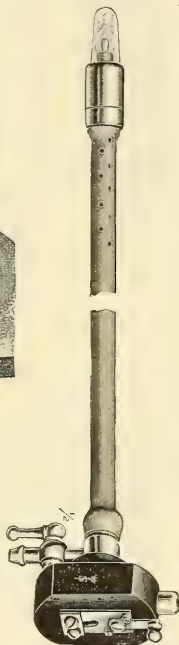
C/-15831



C/-15839



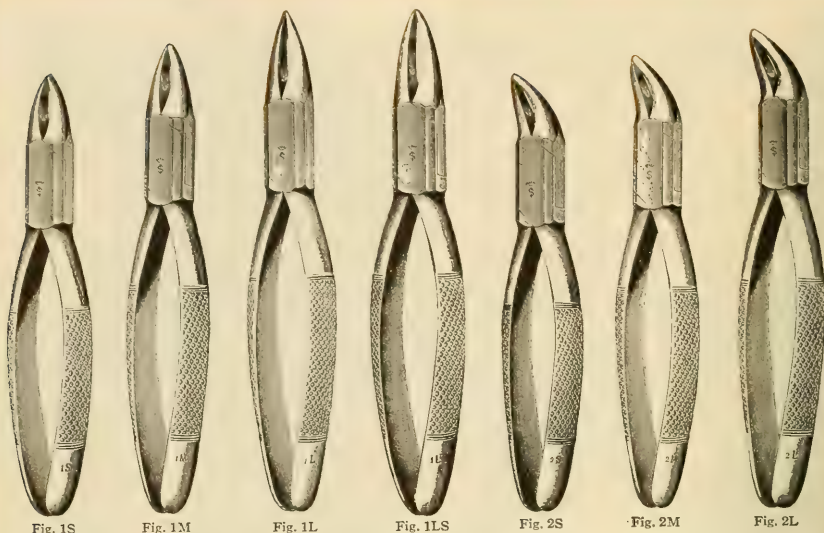
C/-15837



C/-15841

### Instruments for Gastric Diagnosis and Treatment

	Each
C/-15831 <b>Einhorn's</b> Gastrodiaphane, for translumination of the stomach ..	\$ 9.00
C/-15835 <b>Jutte's</b> Apparatus for transduodenal lavage in intestinal toxæmia (can also be used for duodenal feeding); complete, as illustrated .....	8.00
<b>Separate Parts</b>	
Duodenal Tube, with wire for introduction .....	net \$ 3.00
Aspirating Bottle, with rubber stopper and connections ..	net 2.00
<b>Chapman's</b> Suction Pump, with tubing .....	net 3.00
C/-15837 <b>Carrier's</b> Masticator .....	3.50
C/-15839 <b>Klein's</b> Meat Juice Press .....	8.50
C/-15841 <b>Kuttner's</b> Stomach Transluminator, with irrigating attachment .....	18.00



C/-15904

### Dental Instruments

Each

C/-15904 Tooth Extracting Forceps, finest quality, with box lock..... \$ 1.75

Fig. 1S Root, upper front, straight, small.

Fig. 1M Root, upper front, straight, medium.

Fig. 1L Root, upper front, straight, large.

Fig. 1LS Root, upper front, straight, long slender beaks.

Fig. 2S Root, upper or lower, half-curved, small.

Fig. 2M Root, upper or lower, half-curved, medium.

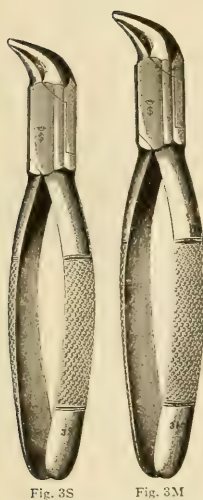
Fig. 2L Root, upper or lower, half-curved, large.

Fig. 3S Root, lower, full-curved, small.

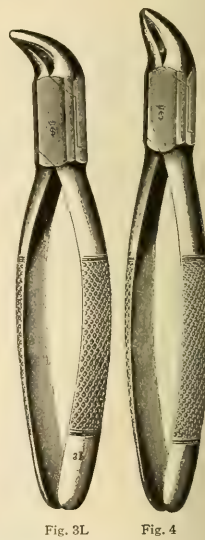
Fig. 3M Root, lower, full-curved, medium.

Fig. 3L Root, lower, full-curved, large.

Fig. 4 Bicuspid, upper or lower, half-curved.



C -15904



C/-15904





Fig. 5



Fig. 6

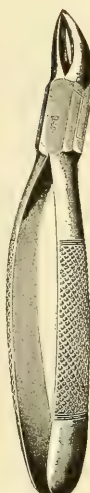


Fig. 7



Fig. 8

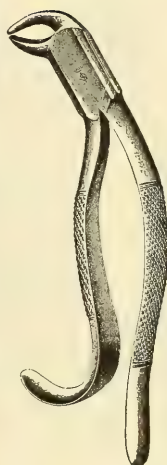


Fig. 9

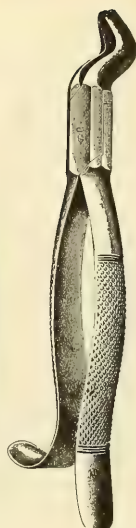


Fig. 10

C/-15904

## Dental Instruments

(Continued)

Each

C/-15904 Tooth Extracting Forceps, finest quality, box lock ..... \$ 1.75

Fig. 5 Third Molar, lower, either side.  
Physick's.

Fig. 6 Splitting or Separating.

Fig. 7 Root, upper, universal.

Fig. 8 Third Molar, lower, either side.

Fig. 9 Alveolar, lower, either side, Parmly's.

Fig. 10 Third Molar, upper, either side,  
curved handles.

Fig. 10A Third Molar, upper, either side,  
straight handles.

Fig. 11 Incisor, Cuspid or Bicuspid, upper.



Fig. 10A  
C/-15904



Fig. 11  
C/-15904



Fig. 12



Fig. 13

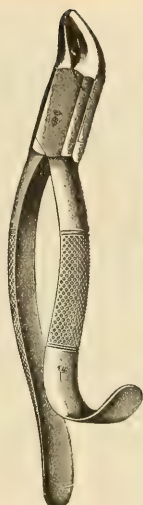


Fig. 14

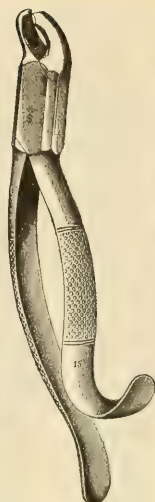


Fig. 15



Fig. 16



Fig. 17

C/-15904

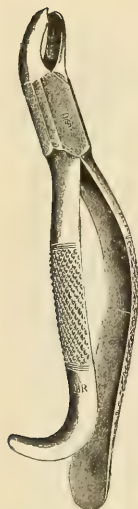


Fig. 18R  
C/-15904

## Dental Instruments

(Continued)

	Each
C/-15904 Tooth Extracting Forceps, finest quality, box lock .....	\$ 1.75
Fig. 12 Excising, upper, straight beaks.	
Fig. 13 Incisor, upper.	
Fig. 14 Incisor or Bicuspid, lower, either side.	
Fig. 15 Molar, lower, either side, Harris'.	
Fig. 16 Molar, lower, horn beaks, either side.	
Fig. 17 Molar, lower, either side.	
Fig. 18R Molar, upper, right side, Harris'.	
Fig. 18L Molar, upper, left side, Harris'.	

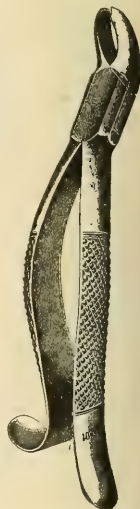


Fig. 18L  
C/-15904



Fig. 19R



Fig. 19L



Fig. 20R

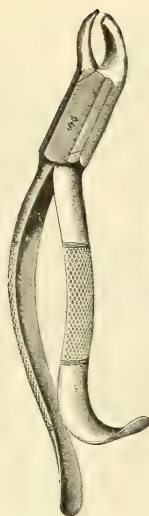


Fig. 20L



Fig. 21



Fig. 22

C/-15904

## Dental Instruments

(Continued)

C/-15904 Tooth Extracting Forceps, finest quality, box lock. . . . . Each \$ 1.75

Fig. 19R Molar, upper, right side.

Fig. 19L Molar, upper, left side.

Fig. 20R Molar, upper, horn beak, right side.

Fig. 20L Molar, upper, horn beak, left side.

Fig. 21 Cuspid or Bicuspid, lower.

Fig. 22 Third Molar, lower, either side.

Fig. 23 Molar, lower, horn beak, either side.

Fig. 24 Molar, upper, either side, universal.

Fig. 25 Bicuspid, lower, safety.



Fig. 23

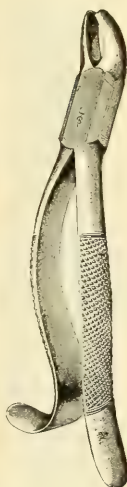
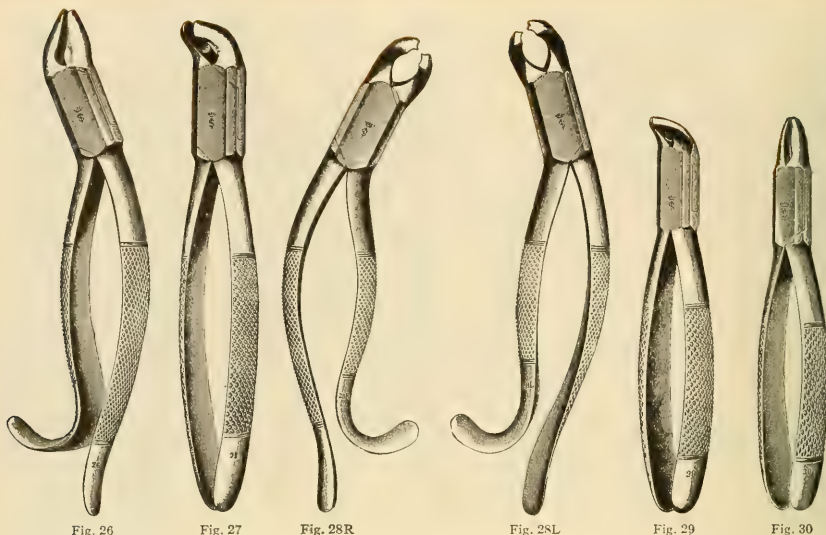


Fig. 24

C/-15904



Fig. 25  
C/-15904



C/-15904

# Dental Instruments

(Continued)

C/-15904 Tooth Extracting Forceps, Each  
finest quality, box lock.. \$ 1.75

- Fig. 26 Bicuspid, upper, safety.
- Fig. 27 Molar, lower, either side.
- Fig. 28R Molar, lower, right side.
- Fig. 28L Molar, lower, left side.
- Fig. 29 Children's Teeth, curved.
- Fig. 30 Children's Teeth, straight.
- Fig. 31 Excising, lower, curved beaks.
- Fig. 31A Excising, lower, curved beaks, narrow.
- Fig. 32 Alveolar, bayonet shape, Parmly's.
- Fig. 32A Alveolar, bayonet shape, small.

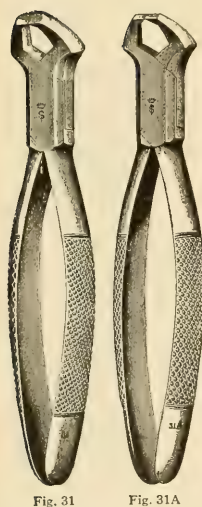


Fig. 31

Fig. 31A

C/-15904

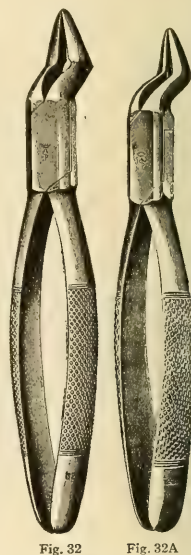
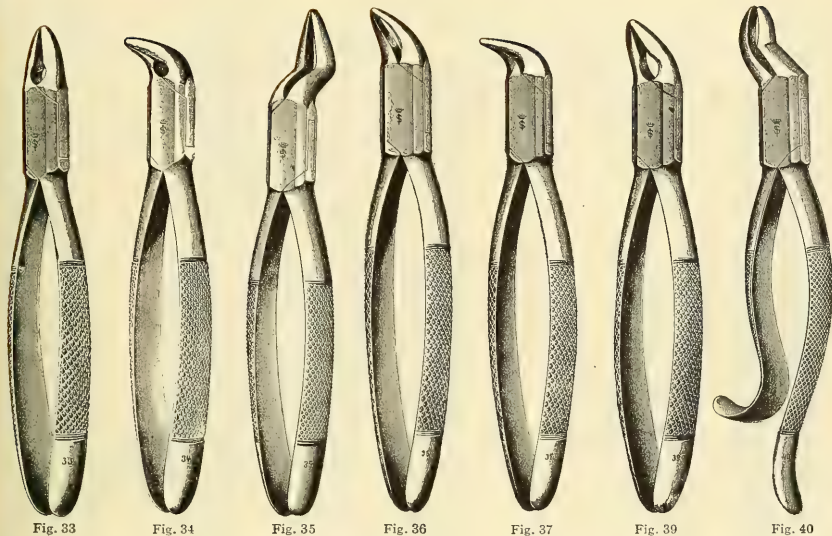


Fig. 32

Fig. 32A

C/-15904





C/-15904

## Dental Instruments

(Continued)

Each

C/-15904 Tooth Extracting Forceps, finest quality, box lock.. \$ 1.75

Fig. 33 Alveolar, straight, Parmly's.

Fig. 34 Alveolar, full-curved, Parmly's.

Fig. 35 Root, upper, bayonet shape.

Fig. 36 Crowded Teeth, narrow beaks, half-curved.

Fig. 37 Crowded Teeth, narrow beaks, full-curved.

Fig. 39 Alveolar, half-curved, Parmly's.

Fig. 40 Incisor, Cuspid or Bicuspid, upper.

Fig. 44 Alveolar, long beaks, full-curved.

Fig. 45 Molar, upper, horn beak, either side.

Fig. 47 Molar, lower, either side, Hutchinson's.

Fig. 48 Incisor, upper, lateral.

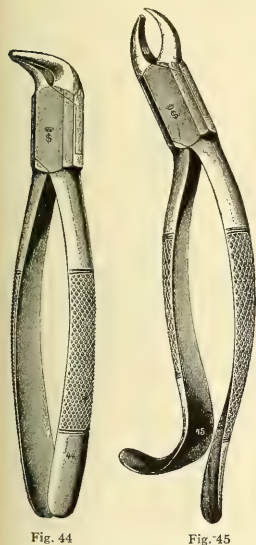


Fig. 44

Fig. 45

C/-15904

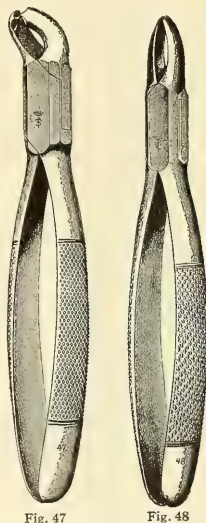


Fig. 47

Fig. 48

C/-15904

KNY-SCHNEIDER



Fig. 49

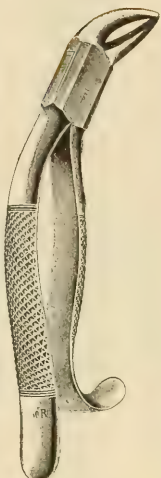


Fig. 50R

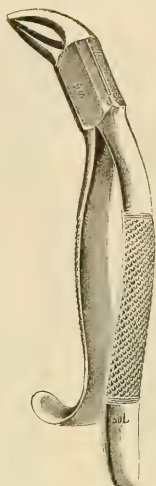


Fig. 50L



Fig. 51

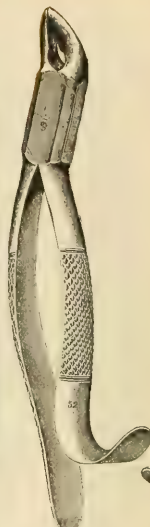


Fig. 52



Fig. 53R



Fig. 53L

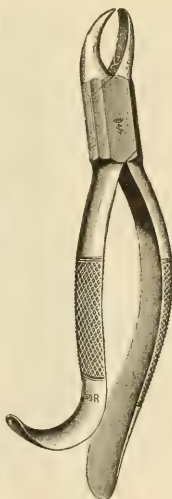


Fig. 59R

C/-15904

## Dental Instruments

(Continued)

C/-15904 Tooth Extracting Forceps, finest quality, box lock. **\$ 1.75** Each

Fig. 49 Root, lower, either side.

Fig. 50R Root, lower, right side.

Fig. 50L Root, lower, left side.

Fig. 51 Molar, lower, either side, Wolvertson's.

Fig. 52 Alveolar, lower, either side, Parnly's.

Fig. 53R Molar, upper, bayonet shape, right side.

Fig. 53L Molar, upper, bayonet shape, left side.

Fig. 59R Molar, upper, horn beak, right side.

Fig. 59L Molar, upper, horn beak, left side.



Fig. 59L  
C/-15904

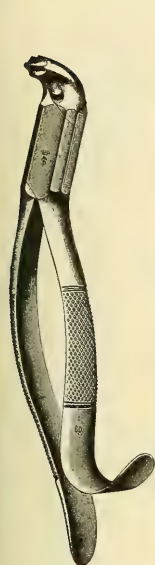


Fig. 60



Fig. 61



Fig. 62



Fig. 63



Fig. 65



Fig. 66



Fig. 67

C/-15904

## Dental Instruments

(Continued)

C/-15904 Tooth Extracting Forceps, finest quality, box lock. . . \$ 1.75

Fig. 60 Molar, lower, either side, Wolverton's.

Fig. 61 Alveolar, bayonet shape, cutting.

Fig. 62 Children's Teeth and Root, universal.

Fig. 63 Spicula, universal.

Fig. 65 Root, upper, bayonet shape, slender beaks.

Fig. 66 Combined Root, Incising, Separating, Splitting and Elevating, lower, Stellwagen's.

Fig. 67 Combined Root, Incising, Separating, Splitting and Elevating, upper, Stellwagen's.

Fig. 69 Small Root or Fragment, Tomes'.

Fig. 73 Root, upper front, straight, Tees'.

Fig. 74 Root, upper or lower, half-curved, Tees'.

Fig. 75 Root, lower, full-curved, Tees'.



Fig. 69



Fig. 73

C/-15904



Fig. 74



Fig. 75

C/-15904





Fig. 76



Fig. 77

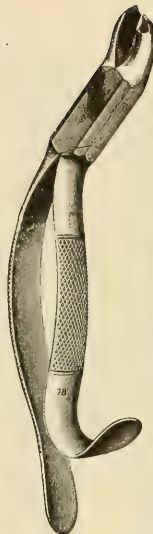


Fig. 78



Fig. 79



Fig. 80

C/-15904



Fig. 81  
C/-15904

## Dental Instruments

(Continued)

	Each
C/-15904 Tooth Extracting Forceps, finest quality, box lock.....	\$ 1.75
Fig. 76 Root, upper, bayonet shape, Tees'.	
Fig. 77 Third Molar, either side, Tees'.	
Fig. 78 Molar, lower, either side, Watling's.	
Fig. 79 Molar, lower, horn beaks, either side, Watling's.	
Fig. 80 Molar, upper, right side, Watling's.	
Fig. 81 Molar, upper, left side, Watling's.	
Fig. 82 Bicuspid and Cuspid, lower, right side, Watling's.	



Fig. 82  
C/-15904



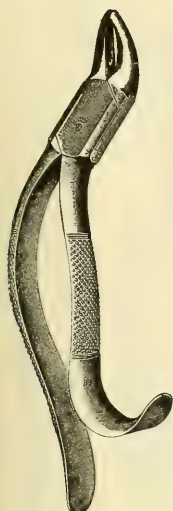


Fig. 83



Fig. 85



Fig. 86

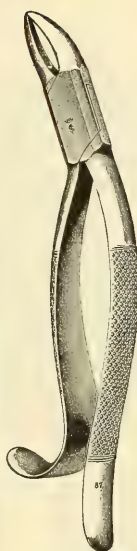


Fig. 87



Fig. 88R

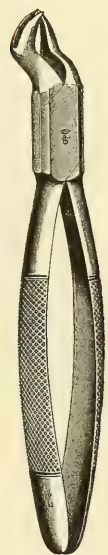


Fig. 88L

C/-15904

## Dental Instruments

(Continued)

C/-15904 Tooth Extracting Forceps, finest quality, box lock .... \$ 1.75

Each

Fig. 83 Bicuspid, lower, left side, Watling's.

Fig. 85 Alveolar Root, for lower molars and bicusps, Thomas'.

Fig. 86 Root, upper, bayonet shape.

Fig. 87 Root, universal, Baker's.

Fig. 88R Molar, upper, bayonet shape, three beaks, right side.

Fig. 88L Molar, upper, bayonet shape, three beaks, left side.

Fig. 91 Root, universal, Harris'.

Fig. 92 Molar, upper, right side, Harris'.

Fig. 93 Molar, upper, left side, Harris'.



Fig. 91

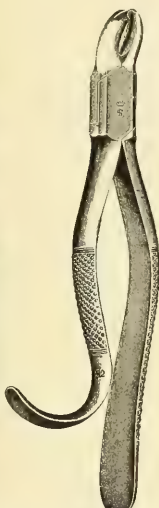


Fig. 92

C/-15904

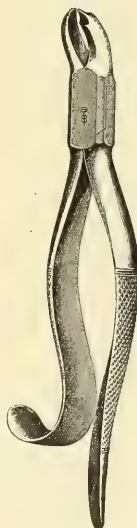


Fig. 93

C/-15904

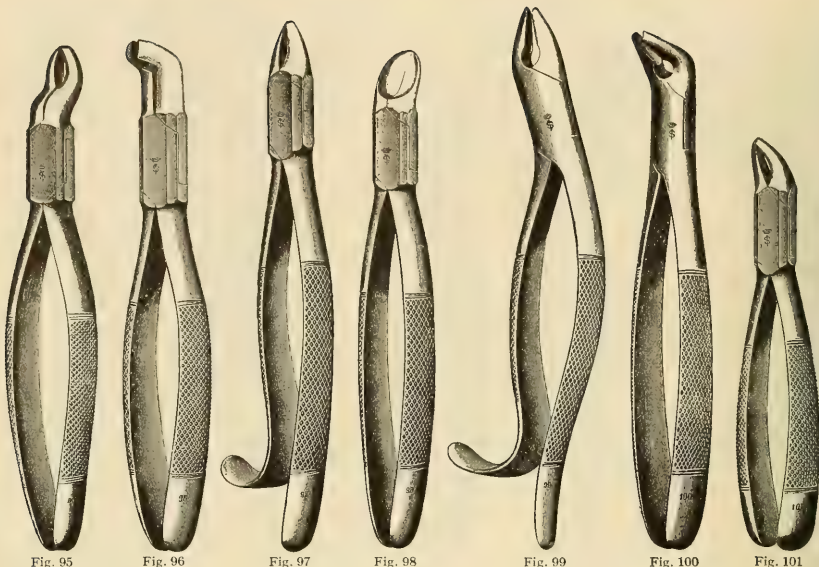


Fig. 95

Fig. 96

Fig. 97

Fig. 98

Fig. 99

Fig. 100

Fig. 101

C/-15904

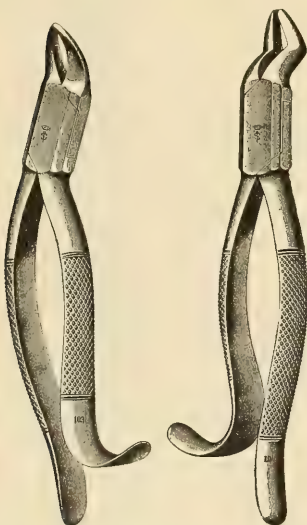


Fig. 103

Fig. 104

C/-15904

## Dental Instruments

(Continued)

C/-15904 Tooth Extracting Forceps, finest quality, box lock . . . \$ 1.75

Each

Fig. 95 Third Molar, upper, Harris'.

Fig. 96 Third Molar, lower, Harris'.

Fig. 97 Bicuspid, upper, short beaks, Harris'.

Fig. 98 Third Molar, lower, either side.

Fig. 99 Bicuspid, upper, Kells'.

Fig. 100 Bicuspid, lower, Kells'.

Fig. 101 Universal, Hull's.

Fig. 103 Root, lower, half-curved.

Fig. 104 Third Molar, upper, either side.

Fig. 105 Alveolar, bayonet shape.

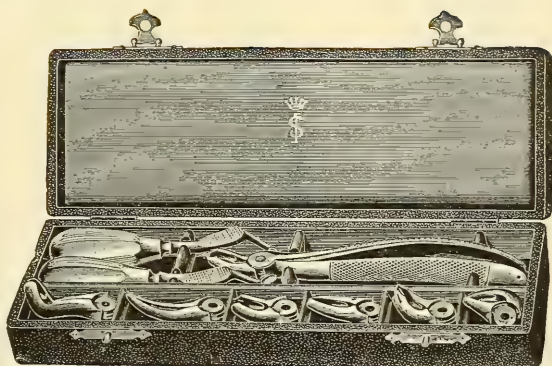


Fig. 105

C/-15904



C/-15907



C/-15910



Fig. 18A



Fig. 21



Fig. 44



Fig. 67A



Fig. 79

C -15912

## Dental Instruments

(Continued)

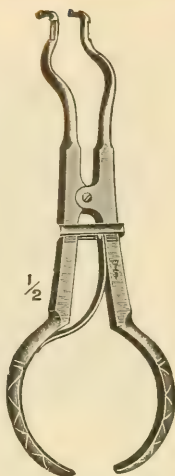
	Each	Each
C/-15907 Tooth Extracting Forceps, universal pattern, for children, $5\frac{1}{2}$ inches long, separable lock.....	\$ 2.25	
C/-15910 Tooth Extracting Set, consisting of 1 combination forceps, separable, with 7 assorted beaks, and 2 Thompson's root extractors, all metal; complete set, in fine case..	18.00	
C/-15912 Tooth Extracting Forceps, English pattern, with circular lock.....	\$ 2.25	
Fig. 18A Upper Molars, either side.		
Fig. 21 Lower Molars, either side.		
Fig. 44 Roots, universal, either side.		
Fig. 67A Upper Third Molars, either side.		
Fig. 79 Lower Third Molars, either side.		



C/-15915



C/-15918



C/-15920



C/-15922



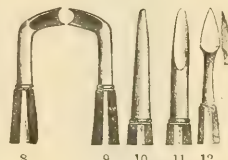
C/-15923



C/-15926-28

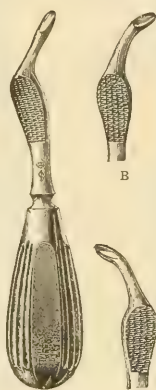


2 3 4 5 6 7



8 9 10 11 12

C/-15930-32



A C 15931



B



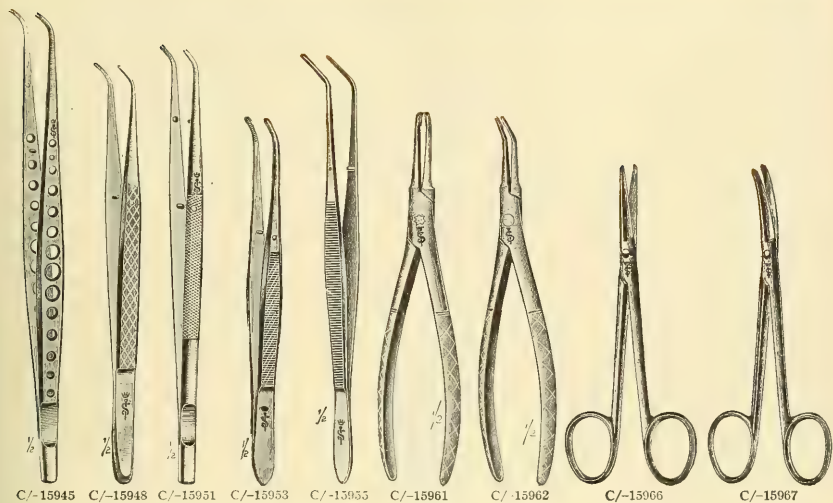
C/-15936

## Dental Instruments

(Continued)

	Each		Each
C/-15915 Ainsworth's Rubber Dam Punch..	\$ 2.90	C -15928 Dental Mirrors, magnifying, metal handle, 6 sizes.....	\$ .90
C/-15918 Bowman-Allen's Rubber Dam Clamp Forceps.....	2.15	C/-15930 Root Extractors, 12 patterns, fine hexagon ebony handle.....	1.00
C/-15920 Brewer's Rubber Dam Clamp Forceps.....	2.50	C -15932 Root Extractors, 12 patterns, fine metal handle.....	1.25
C/-15922 Gum Lancet, metal handle.....	.75	C -15934 Thompson's Root Extractors, 3 patterns, fine metal handle.....	1.35
C/-15923 Gum Lancet, metal handle.....	.75	C/-15936 Forceps, for pin cutting, bending and roughening.....	2.25
C/-15926 Dental Mirrors, plain, metal handle, 6 sizes.....	.75		





C/-15969



C/-15978



C/-15971

## Dental Instruments

(Continued)

	Each		Each		
C/-15945	<b>Rich's</b> Foil Carrier .....	<b>\$ 1.50</b>	C/-15966	Gum Scissors, 4½ inches long, straight.....	<b>\$ .90</b>
C/-15948	London College Foil Carrier .....	<b>.90</b>	C/-15967	Gum Scissors, 4½ inches long, curved	<b>1.10</b>
C/-15951	Octagon Handle Plugging Forceps..	<b>1.50</b>	C/-15969	<b>Beebee's</b> Collar and Crown Scissors.	<b>1.25</b>
C/-15953	<b>Perry's</b> Annealing Forceps .....	<b>.90</b>	C/-15971	<b>Quinby's</b> Gum Scissors, 5 inches long, curved on flat .....	<b>1.00</b>
C/-15955	<b>Witzel's</b> Dressing Forceps or Foil Carrier.....	<b>1.10</b>	C/-15978	"Record" Dental Syringe, with 2 canulae, all metal and glass, can be sterilized by boiling .....	<b>4.75</b>
C/-15961	Nerve Canal Forceps, straight .....	<b>1.75</b>			
C/-15962	Nerve Canal Forceps, curved .....	<b>2.00</b>			



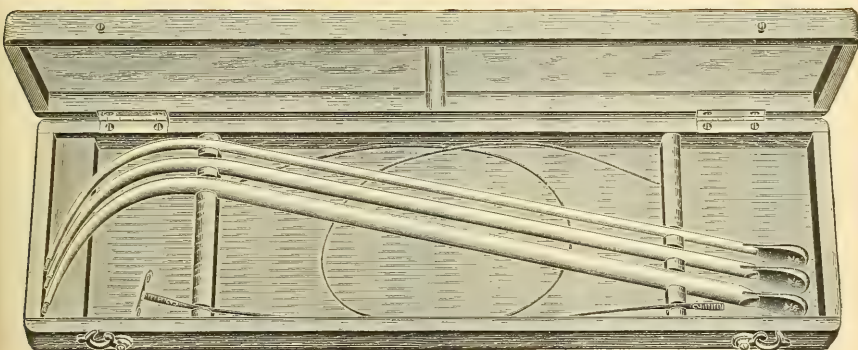
## *Section Four*



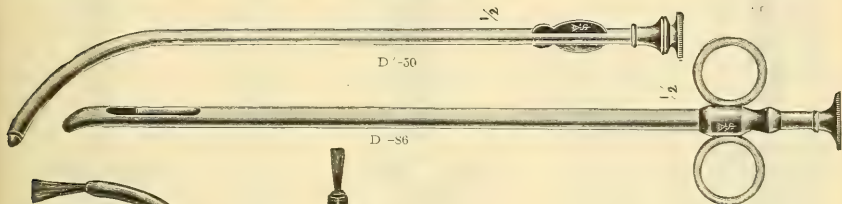
Male Urethral, Prostatectomy and Lithotomy  
Instruments. Catheters and Bougies  
Cystoscopes





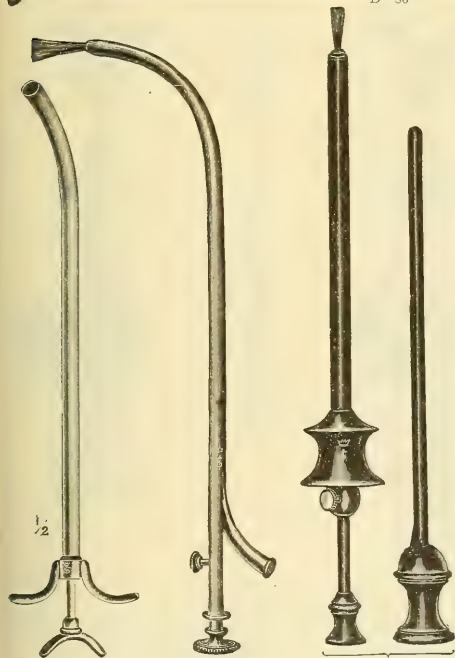


D/-136-33



D/-50

D/-86



D/-20

D/-40

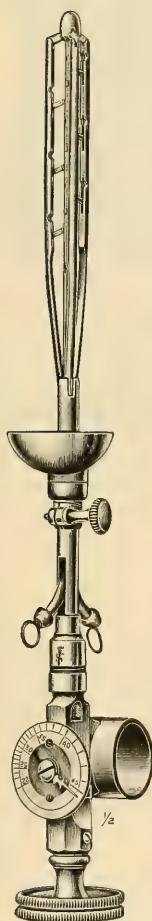
D/-82

### Applicators

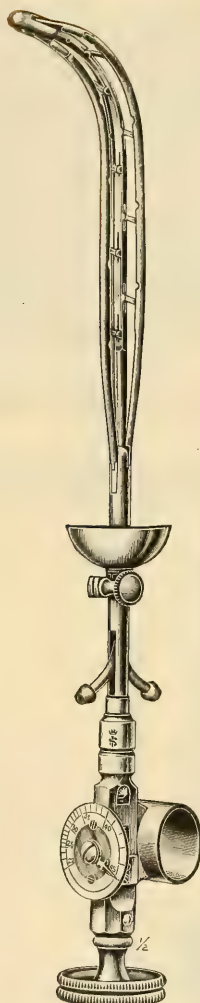
	Each
D/-20 Ayers' Tablet Depositor.....	\$ 3.25
D/-40 Gschirrhagl's Brush, for cauterizing posterior part of urethra	5.50
D/-50 Lewis' Tablet Depositor.....	3.00
D/-82 Ultzmann's Brush.....	3.00
D/-86 Young's Applicator, for ointment.....	2.50

### Dilators

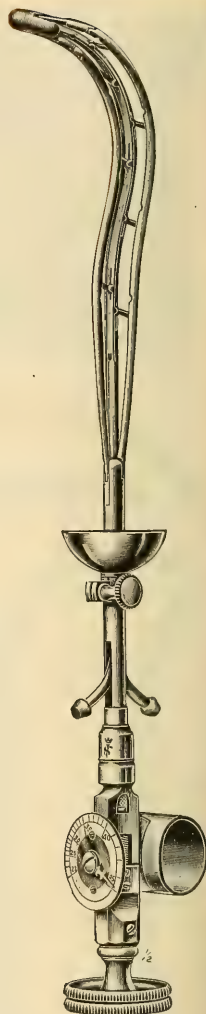
D/-136 Fort's Dilating Sounds, set of 3. Nos. 12, 17 and 22 French scale, with 2 filiform guides, in case.....	6.00
D/-138 Fort's Dilating Sounds, set of 6. Nos. 12, 14, 16, 18, 20 and 22 French scale, with 4 filiform guides, in case.....	10.00



D/-141



D/-143



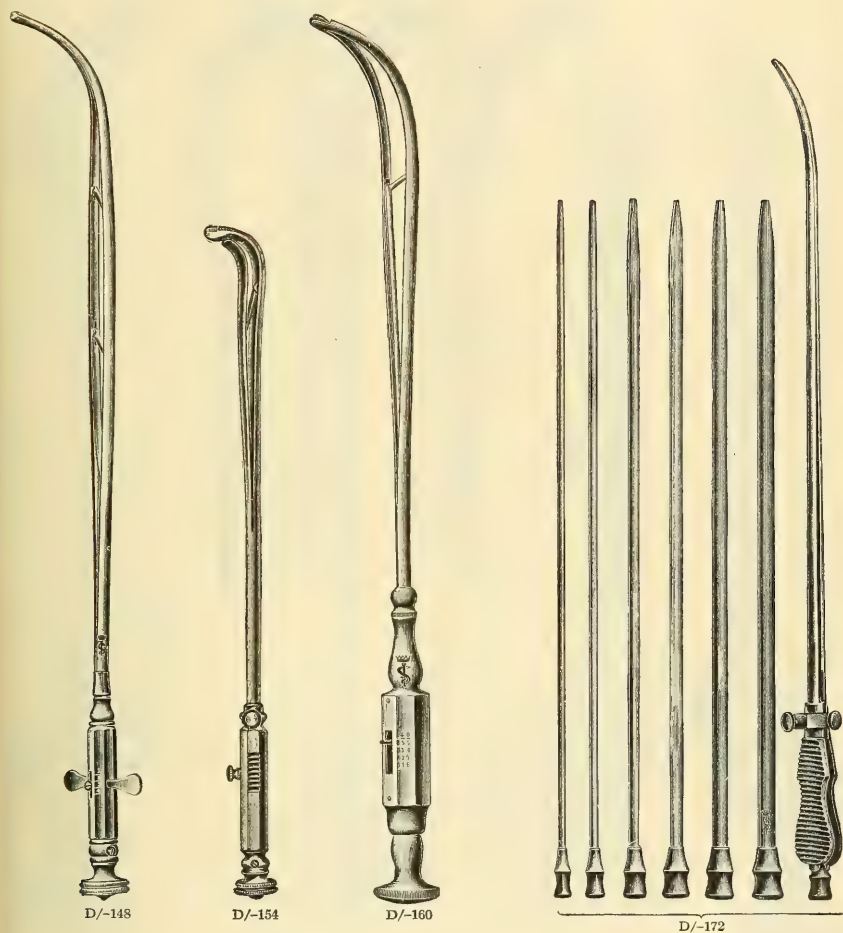
D/-144

### Dilators

(Continued)

- |        |   |               |
|--------|---|---------------|
| D/-141 | Frank's Irrigating Dilator, straight, for the anterior part of the urethra.....                     | Each \$ 36.00 |
| D/-143 | Frank's Irrigating Dilator, Van Buren's curve, for the posterior and part of anterior urethra. . .  | 39.00         |
| D/-144 | Frank's Irrigating Dilator, Guyon's curve, for the posterior and part of the anterior urethra . . . | 40.00         |

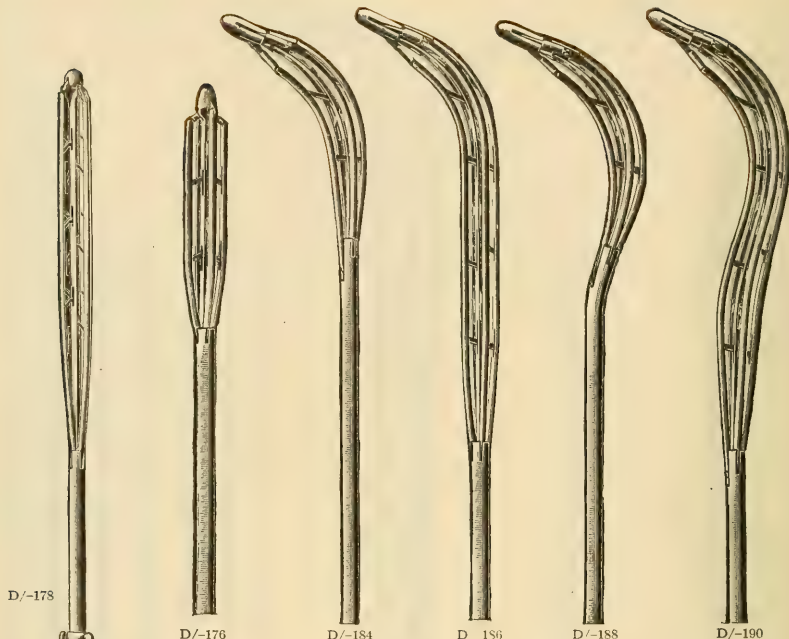
The construction of the above dilators is similar to that of the Kollmann patterns D/-200 to D/-203, with the exception that they have 3 instead of 4 blades.



### Dilators

(Continued)

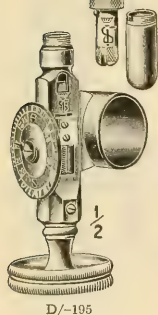
	Each
D/-148 Gouley's Dilator, latest pattern.....	\$ 5.00
D/-154 Gouley's Dilator, for prostatic gland.....	12.00
D/-160 Gross' Dilator.....	8.00
D/-172 Holt's Dilator, with 6 stilettoes, in case.....	13.50



### Dilators

(Continued)

	Each
D -176 Kollmann's Dilator Blade, straight, with short branches, for the anterior part of the urethra.....	\$15.00
D/-178 Kollmann's Dilator Blade, straight, with long branches, for the anterior part of the urethra.....	16.50
D/-184 Kollmann's Dilator Blade, short branches, Van Buren's curve, for the posterior part of the urethra.....	18.50
D/-186 Kollmann's Dilator Blade, long branches, Van Buren's curve, for the posterior and part of the anterior urethra.....	22.50
D/-188 Kollmann's Dilator Blade, short branches, Guyon's curve, for the posterior part of the urethra.....	20.00
D/-190 Kollmann's Dilating Blade, long branches, Guyon's curve, for the posterior and part of the anterior urethra.....	23.50
D/-195 Kollmann's Dilator Handle, regular pattern, with flat dial, graduated from No. 20 to No. 45 French scale.....	6.00
D/-197 Kollmann's Dilator Handle, Gentile pattern, with gold-plated reversed circular dial, graduated from No. 40 to No. 90 Bénéiqué's scale.....	10.50

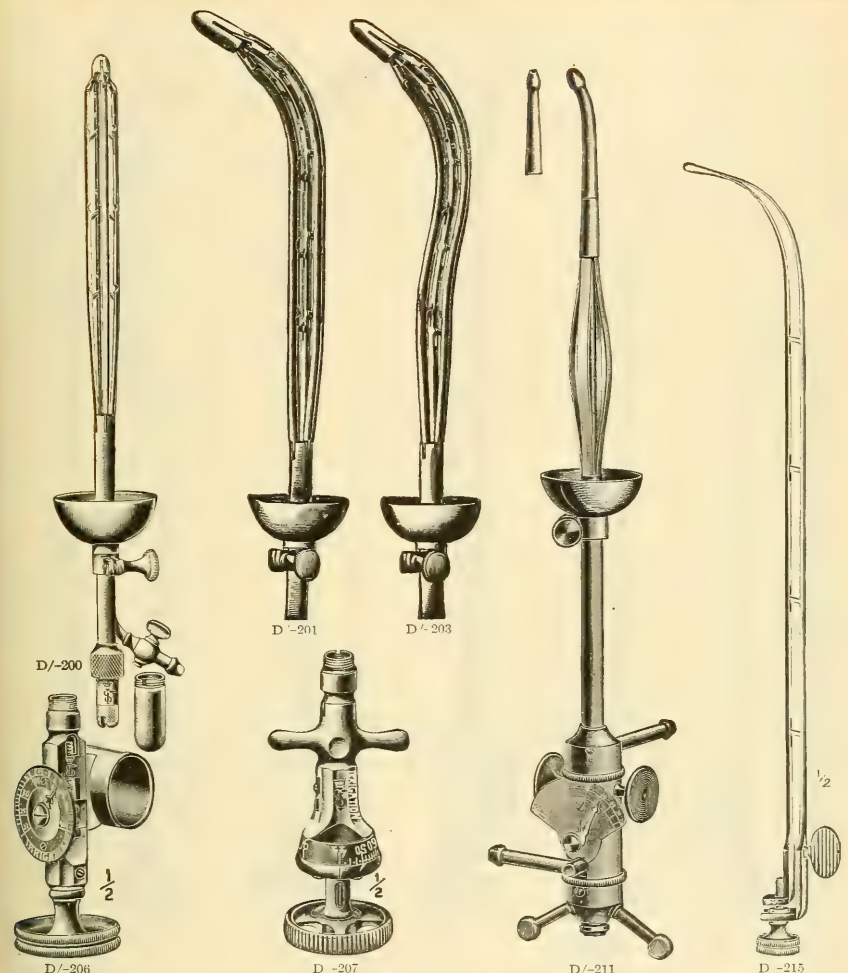


The improved Kollmann's dilators (Fig. D/-176 to D/-190) are furnished with detachable handles and the blades are all interchangeable. This feature adds nothing to the cost where a single dilator with handle is purchased, but in selecting a set of two or more different blades one handle may be used for all, thus effecting a considerable saving. These dilators are made of nickeline, which is non-corrosive, and may be thoroughly sterilized by boiling without fear of rusting. The four branches of the dilating blade are rounded in form and will not pinch the mucous membrane when closed.

In addition to the regular Kollmann's handle (D/-195) a new form of handle known as the Kollmann-Gentile pattern is shown in the accompanying illustration (D/-197). This handle is furnished with a circular dial, graduated in the Bénéiqué scale from No. 40 to No. 90, equivalent to No. 20 to No. 45 French scale. By turning this handle one point at a time a very gradual dilation is obtained. The scale is so arranged that it may be easily read by the patient, so that if desired, the dilation may be intrusted to him after the instrument has been introduced.

GUARANTEE OF QUALITY

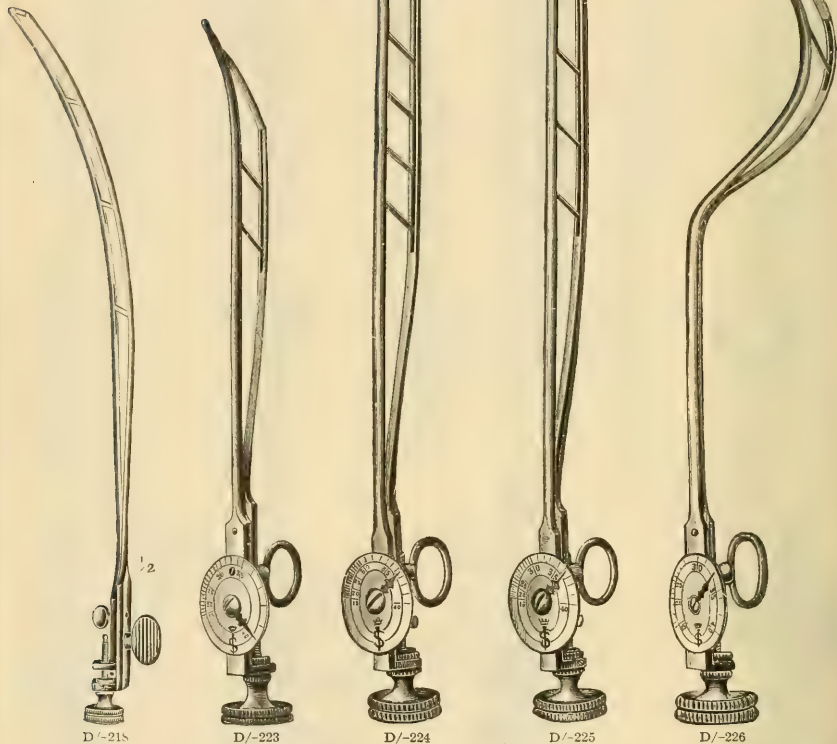




Dilators

(Continued)

D/-200	Kollmann's Irrigating Dilator Blade, straight, for the anterior part of the urethra . . . . .	\$ 30.00
D/-201	Kollmann's Irrigating Dilator Blade, Van Buren's curve, for the posterior and part of the anterior urethra . . . . .	33.00
D/-203	Kollmann's Irrigating Dilator Blade, Guyon's curve, for the posterior and part of the anterior urethra . . . . .	34.00
D/-206	Kollmann's Dilator Handle, regular pattern, with flat dial, graduated from No. 22 to No. 45 French scale . . . . .	6.00
D/-207	Kollmann's Dilator Handle, Gentle pattern, with gold-plated reversed circular dial, graduated from No. 44 to No. 90 Bénéiqué's scale . . . . .	10.50
The Kollmann's irrigating dilators are also interchangeable among themselves, and the handles (Styles D/-206 and D/-207) are constructed like those for the plain dilators, with the exception of the graduation, which runs from No. 22 to No. 45 French scale on D/-206, and from No. 44 to No. 90 Bénéiqué's scale on D/-207. This difference is necessitated by the fact that the irrigating dilators when closed are slightly larger than the plain dilators.		
D/-211	Lohnstein's Dilator, irrigating, for posterior and anterior urethra, with 2 tips . . . . .	25.00
D/-215	Lyon's Dilator . . . . .	8.00



### Dilators

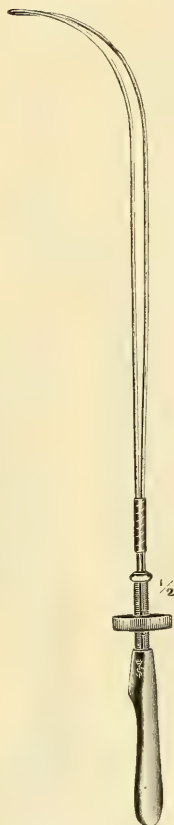
(Continued)

	Each
D/-218 Nélaton's Dilator.....	\$ 8.00
D/-223 Oberlaender's Dilator, short model.....	12.00
D/-224 Oberlaender's Dilator, long model, slightly curved.....	12.00
D/-225 Oberlaender's Dilator, long model, strongly curved.....	12.00
D/-226 Oberlaender's Dilator, with Béniqué's curve.....	14.00

THE END OF QUARTER



D/-232



D/-244



D/-250

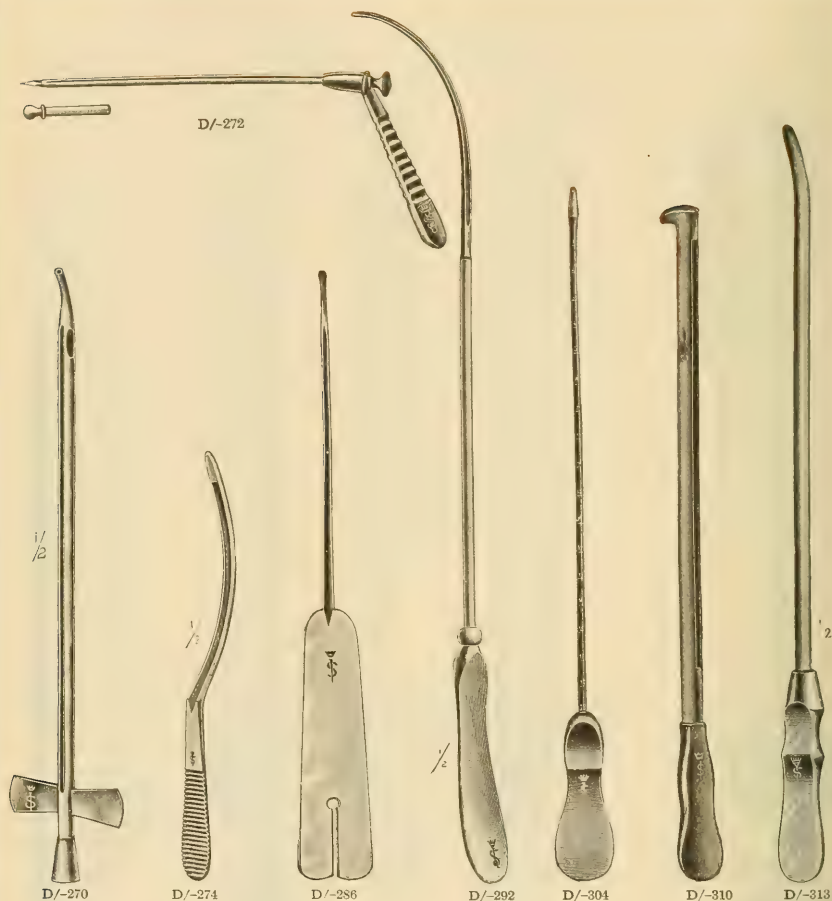


D/-266-68

### Dilators

(Continued)

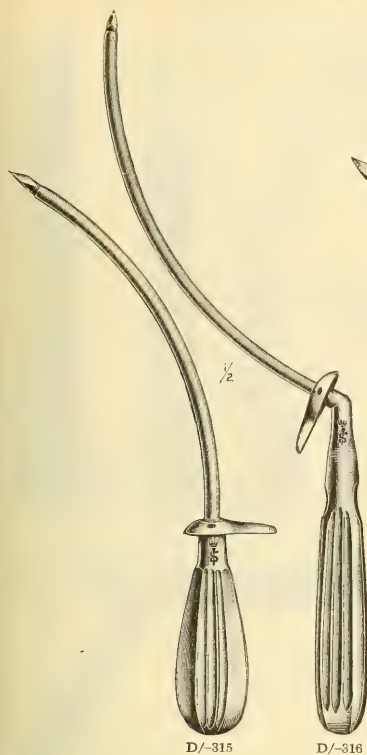
	Each
D/-232 Powell's Dilator, 4 bladed .....	\$ 25.50
D/-244 Stearn's Dilator .....	3.00
D/-250 Thompson's Dilator .....	7.50
D/-266 Soft Rubber Slip Cover, for Kollmann's Dilators .....	.25
D/-268 Soft Rubber Slip Cover, for Oberlaender's Dilators .....	.25



## Directors

	Each
D/-270 <b>Brown's</b> Director and Catheter Staff, point to unscrew, can be used with filiform bougies.....	\$ 1.75
D/-272 <b>Guiteras'</b> Director, combined with perineal trocar.....	2.00
D/-274 <b>Key's</b> Director, curved.....	1.25
D/-286 Spatula and Director.....	.75
D/-292 <b>Symes'</b> Staff, for urethrotomy .....	1.50
D/-304 <b>Thompson's</b> Sound, graduated, for locating strictures.....	1.25
D/-310 <b>Wheelhouse's</b> Staff, for perineal section, 6 sizes, Nos. 14, 16, 18, 20, 22 and 24 French scale...	1.50
D/-313 <b>Young's</b> Sound Guide, No. 20 French scale.....	.75



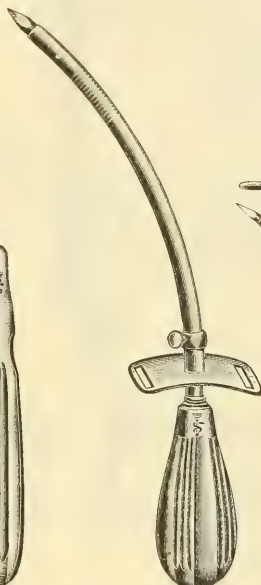


D/-315

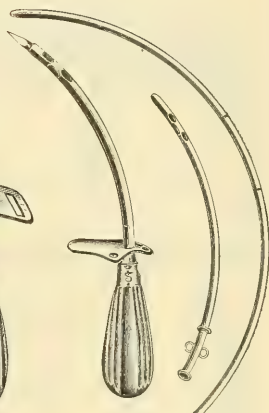
D/-316



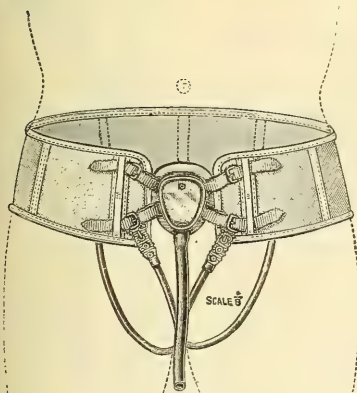
D/-323



D/-317



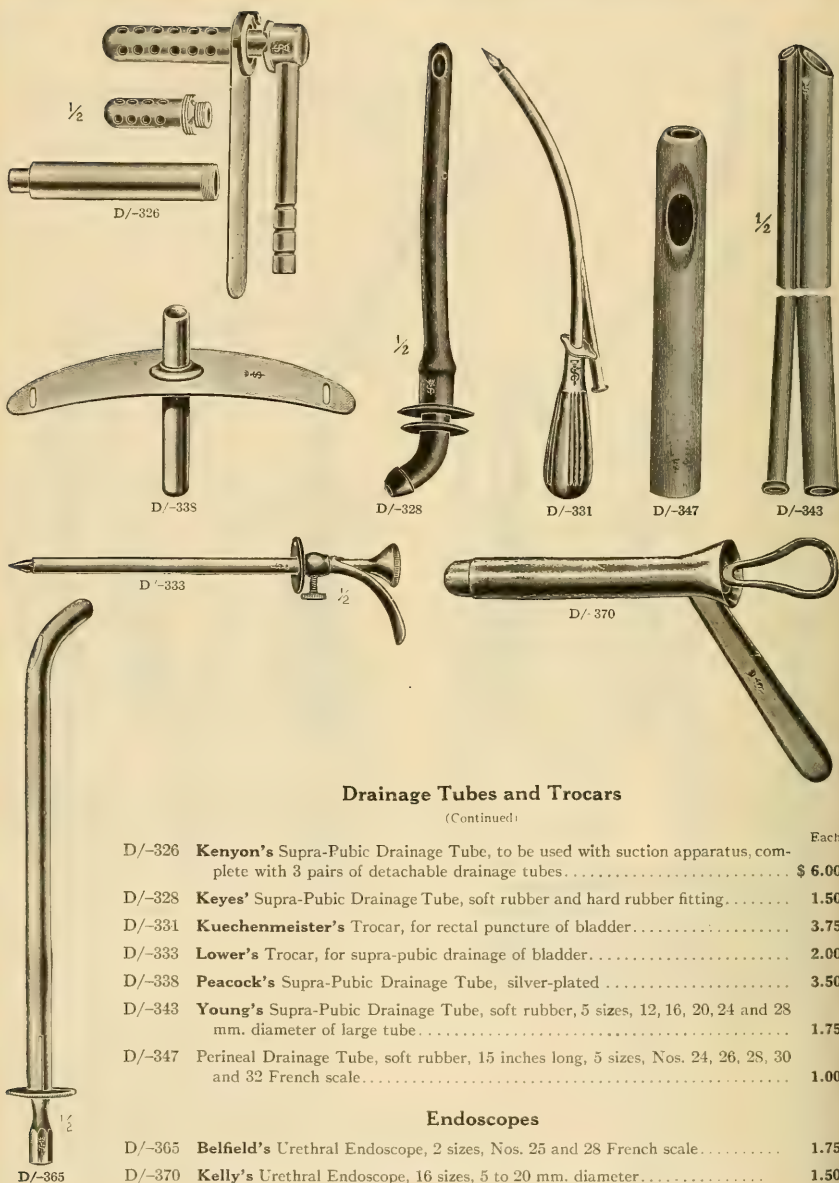
D/-318



D/-319

### Drainage Tubes and Trocars

	Each
D/-315 Plain Trocar, for rectal puncture of bladder.....	\$ 1.75
D/-316 Buck's Trocar, for rectal puncture of bladder.....	2.50
D/-317 Deneffe's Trocar, for rectal puncture of bladder.....	5.00
D/-318 Fleurant's Trocar, for rectal puncture of bladder.....	3.00
D/-319 Going's Supra-Pubic Drainage Tube, complete with belt and understraps....	15.00
This apparatus is a great improvement. It allows the patient to sit comfortably and prevents any urine collecting at the bottom of protector or shield.	
D/-323 Hagedorn's Trocar, for bladder puncture	.75



## Drainage Tubes and Trocars

(Continued)

	Each
D/-326 <b>Kenyon's</b> Supra-Pubic Drainage Tube, to be used with suction apparatus, complete with 3 pairs of detachable drainage tubes.....	\$ 6.00
D/-328 <b>Keyes'</b> Supra-Pubic Drainage Tube, soft rubber and hard rubber fitting.....	1.50
D/-331 <b>Kuechenmeister's</b> Trocar, for rectal puncture of bladder.....	3.75
D/-333 <b>Lower's</b> Trocar, for supra-pubic drainage of bladder.....	2.00
D/-338 <b>Peacock's</b> Supra-Pubic Drainage Tube, silver-plated.....	3.50
D/-343 <b>Young's</b> Supra-Pubic Drainage Tube, soft rubber, 5 sizes, 12, 16, 20, 24 and 28 mm. diameter of large tube.....	1.75
D/-347 Perineal Drainage Tube, soft rubber, 15 inches long, 5 sizes, Nos. 24, 26, 28, 30 and 32 French scale.....	1.00

## Endoscopes

D/-365 <b>Belfield's</b> Urethral Endoscope, 2 sizes, Nos. 25 and 28 French scale.....	1.75
D/-370 <b>Kelly's</b> Urethral Endoscope, 16 sizes, 5 to 20 mm. diameter.....	1.50



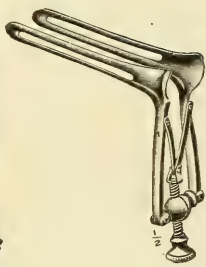
D/-382



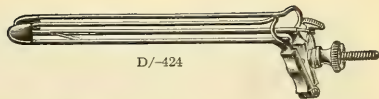
D/-394



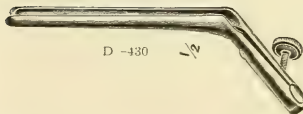
D/-401



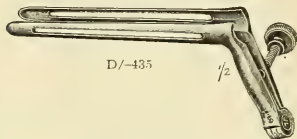
D/-448



D/-424



D -430 1/2



D/-435 1/2



D/-460 1/2



D/-466 1/2



D -454



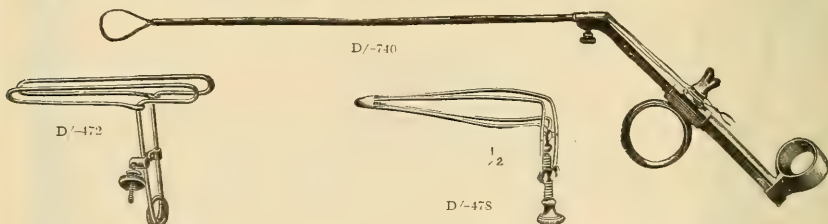
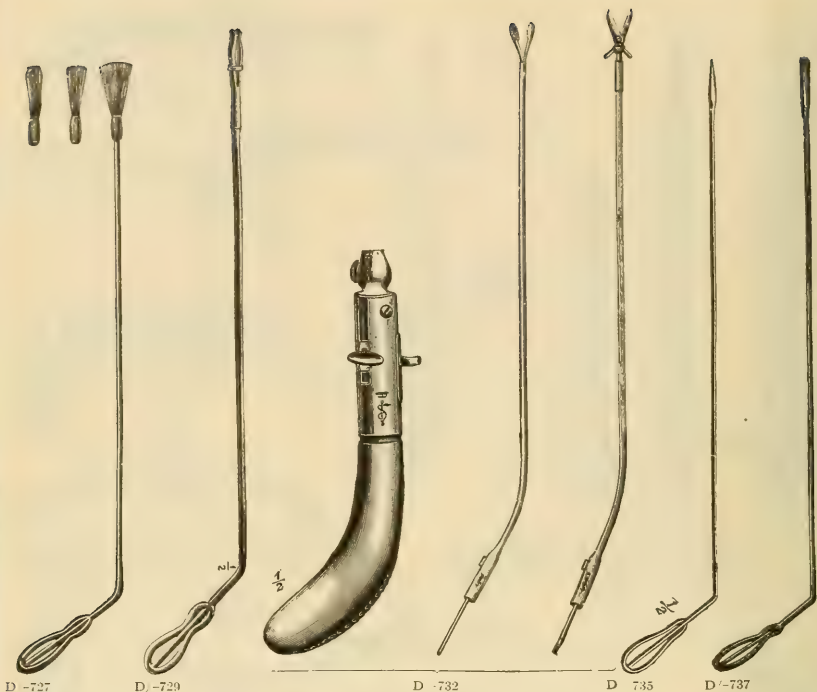
D/-442

## Endoscopes (Continued)

	Each
D/-382 <b>Klotz's</b> Urethral Endoscope, 4 sizes, Nos. 24, 26, 28 and 30 French scale.....	\$ 1.00
D/-394 <b>Otis'</b> Urethral Endoscope, 4 sizes, Nos. 22, 24, 26 and 28 French scale.....	.75
D/-401 <b>Stein's</b> Urethral Endoscopes, set of 4.....	3.50

## Specula

D/-424 <b>Brown's</b> Urethral Speculum.....	2.50
D/-430 <b>Caro's</b> Urethral Speculum.....	1.00
D/-435 <b>Farkas'</b> Urethral Speculum.....	2.25
D/-442 <b>Pratt's</b> Urethral Speculum, steel.....	3.25
D/-448 <b>Sampson's</b> Urethral Speculum.....	1.50
D/-454 <b>Sims'</b> Urethral Speculum, steel.....	3.75
D/-460 <b>Skene's</b> Urethral Speculum, double ended.....	1.50
D/-466 <b>Skene's</b> Urethral Speculum, with handle.....	2.00



### Specula

(Continued)

	Each
D/-472 Skene-Folsom's Urethral Speculum.....	\$ 1.00
D/-478 Smith's Urethral Speculum.....	1.50

### Endo-Urethral Instruments

D/-727 Gruenfeld's Brush Holder, with 3 brushes.....	1.25
D/-729 Gruenfeld's Cotton Carrier.....	1.00
D/-732 Gruenfeld's Forceps and Scissors, combined in one handle.....	13.50
D/-735 Gruenfeld's Knife, sharp pointed.....	1.25
D/-737 Gruenfeld's Knife, probe pointed.....	1.25
D/-740 Gruenfeld's Snare, very slender.....	4.00





D -850

D/-776

D/-772

D/-748

D/-754

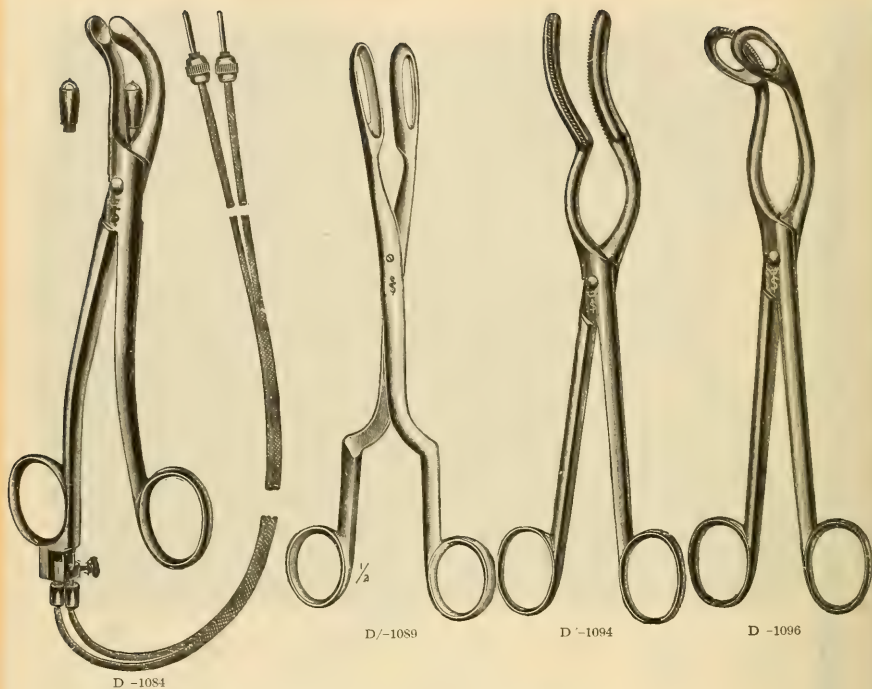
D 760

D 776

### Endo-Urethral Instruments

(Continued)

D -748	Kollmann's Absorption Canula, with rubber bulb, for obtaining secretions from the urethral glands for microscopic examination.	Each	\$ 1.50
D/-754	Kollmann's Applicator		.50
D -760	Kollmann's Knife, straight edge		1.50
D/-766	Kollmann's Probe		.75
D/-772	Kollmann's Spatula		1.00
D/-776	Kollmann's Injection Canula, silver, to be attached to hypodermatic syringe		1.50
D/-850	Kollmann's Intra-Urethrotomy Set, in case		14.00
<b>Contents:</b>			
	2 Kollmann's Probes	2 Kollmann's Electrolysis Needles	
	1 Absorption Canula	2 Kollmann's Intra-Urethral Electrodes	
	1 Spatula	1 Knife	1 Injection Canula with syringe

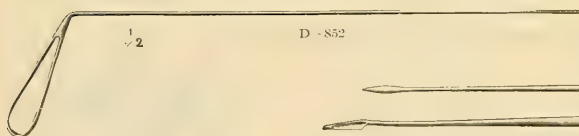


D -1084

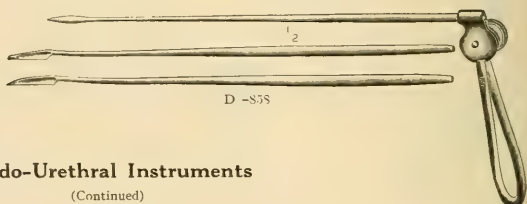
D/-1089

D -1094

D -1096



D -852

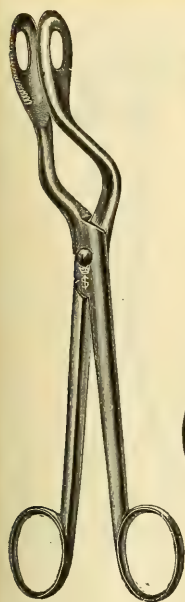


D -855

### Endo-Urethral Instruments

(Continued)

D/-852	McCarthy's Applicator.....	Each	\$ .40
D/-858	Mark's Knives, set of 3, with universal handle.....		6.50
<b>Bladder Forceps</b>			
D/-1084	Nitze's Bladder Forceps, with electric lamp, for intra-vesical operation after sectio alta.....	13.50	
D/-1089	Pardoe's Bladder Forceps, for removing vesical growths.....	4.00	
D/-1094	Thompson's Bladder Forceps, for removing growths from neck of the bladder.....	3.50	
D/-1096	Thompson's Bladder Forceps, curved, for vesical growths.....	3.75	



D/-1102



D/-1130



D/-1132



D/-1138



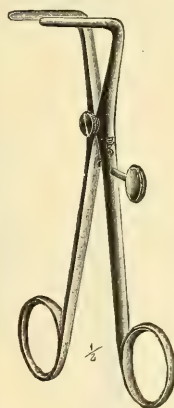
D/-1144



D/-1156



D/-1168



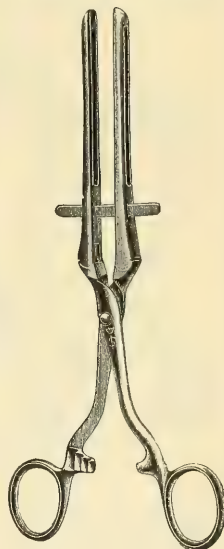
D/-1162



D/-1174



D/-1192



D/-1180

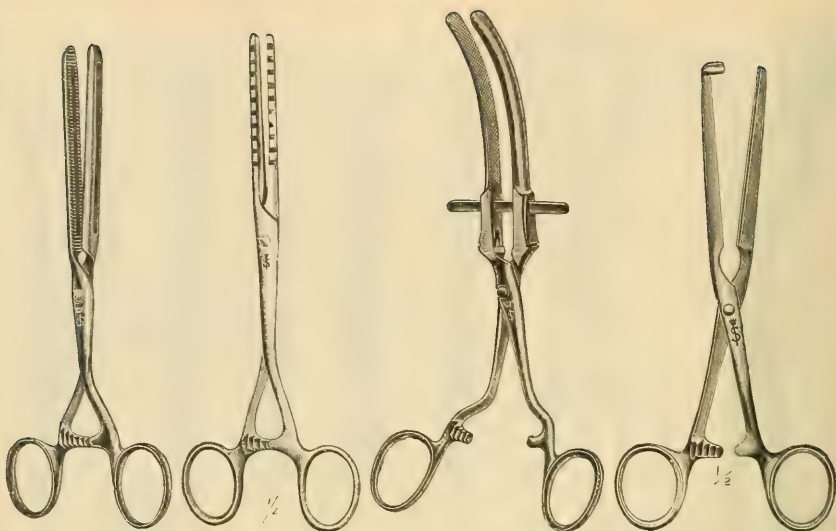
## Bladder Forceps

(Continued)

D/-1102 Thompson's Bladder Forceps, bayonet curve, for vesical growths. . . . . Each \$ 3.75

## Phimosi Forceps

	Each		Each
D/-1130 Baird's Phimosi Forceps, 3 sizes . . . . .	\$ 2.50	D/-1162 Hutchinson's Prepuce Dilator . . . . .	\$ 2.50
D/-1132 Briggs' Phimosi Forceps . . . . .	3.00	D/-1168 Knox's Phimosi Forceps . . . . .	2.75
D/-1138 Fisher's Phimosi Forceps . . . . .	1.60	D/-1174 Levis' Prepuce Dilator . . . . .	1.50
D/-1144 Girdner's Prepuce Dilator . . . . .	1.50	D/-1180 Luer's Phimosi Forceps . . . . .	5.00
D/-1150 Hall's Phimosi Forceps . . . . .	2.00	D/-1192 Parker's Prepuce Dilator . . . . .	1.75
D/-1156 Henry's Phimosi Forceps . . . . .	3.00		

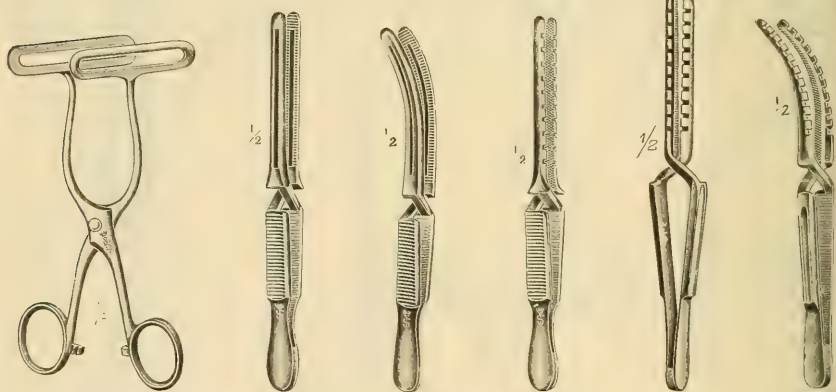


D/-1204

D/-1211

D/-1228

D/-1241



D/-1198

D/-1222

D/-1223

D/-1234

D/-1236

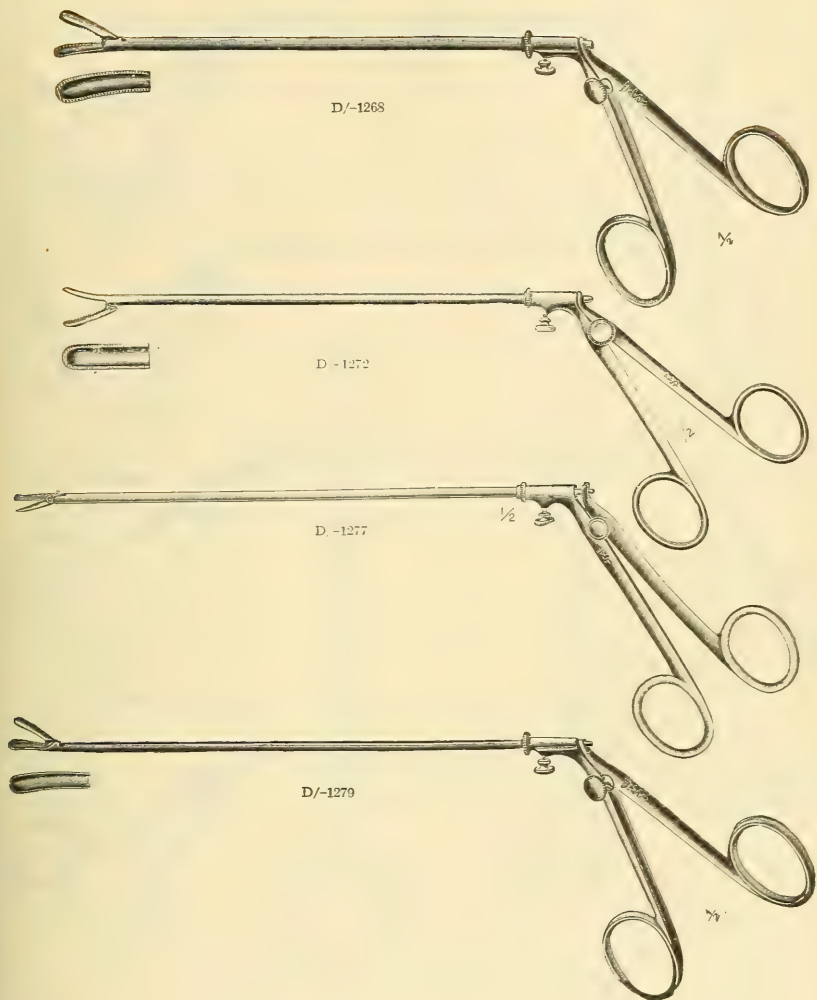
D/-1237

### Phimosi Forceps

(Continued)

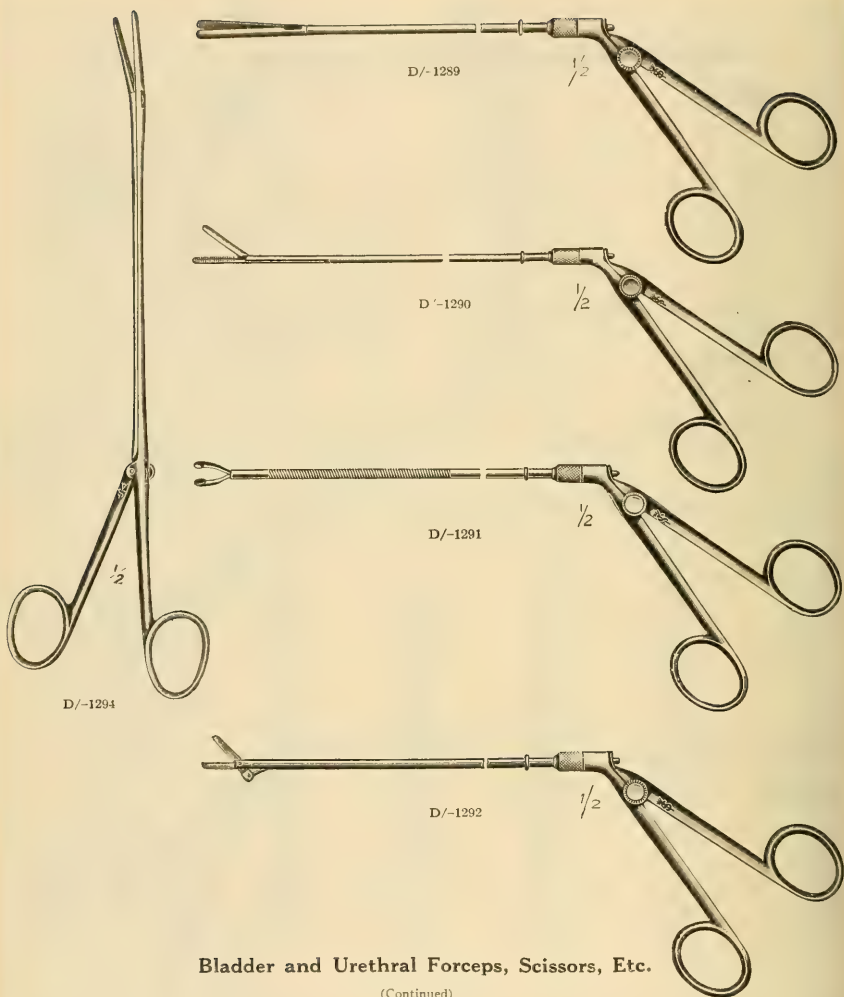
	Each
D/-1198 Reverdin's Phimosi Forceps.....	\$ 4.25
D/-1204 Ricord's Phimosi Forceps.....	1.65
D/-1211 Ricord-Tortat's Phimosi Forceps.....	2.50
D/-1222 Skillern's Phimosi Forceps, straight.....	1.50
D/-1223 Skillern's Phimosi Forceps, curved.....	1.75
D/-1228 Terrier's Phimosi Forceps.....	5.50
D/-1234 Tortat's Phimosi Forceps, original.....	2.00
D/-1236 Tortat's Phimosi Forceps, improved, straight.....	2.25
D/-1237 Tortat's Phimosi Forceps, improved, curved.....	2.50
D/-1241 Wilson's Phimosi Forceps.....	3.00





### Bladder and Urethral Forceps, Scissors, Etc.

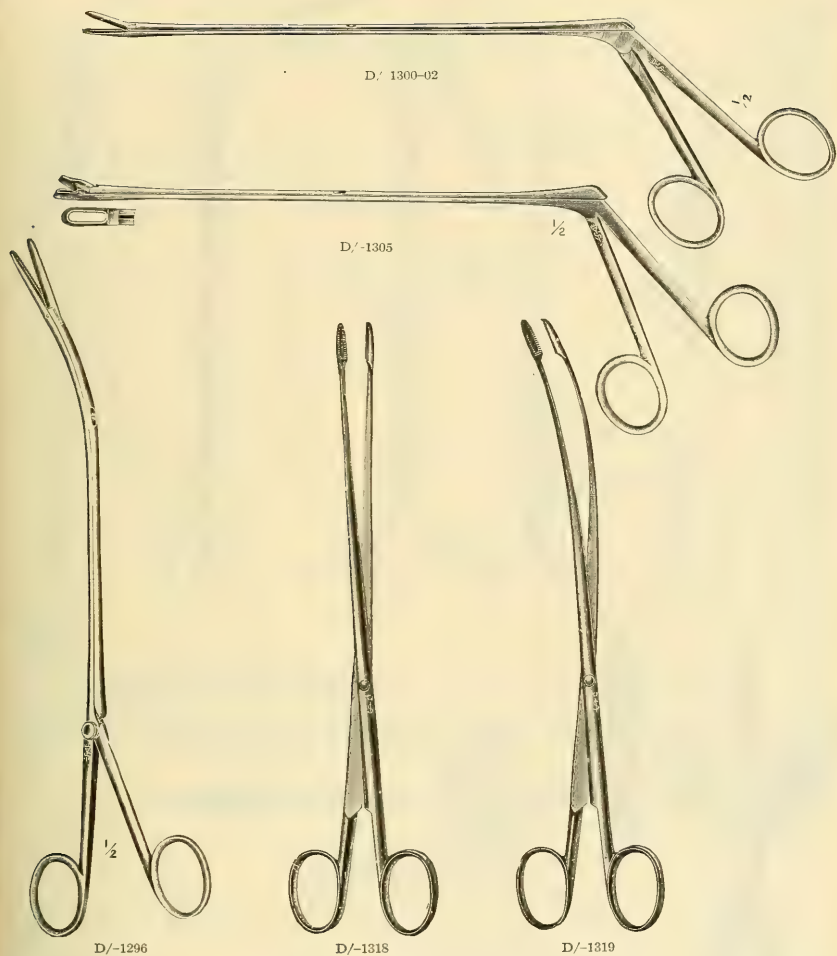
	Each
D/-1268 Collin-Reiner's Urethral Forceps, curved jaws.....	\$ 10.00
D/-1272 Dittel's Urethral Forceps, straight jaws.....	10.00
D/-1277 Kollmann's Urethral Scissors.....	10.00
D/-1279 Kollmann-Dittel's Urethral Forceps, cutting edge.....	10.00



### Bladder and Urethral Forceps, Scissors, Etc.

(Continued)

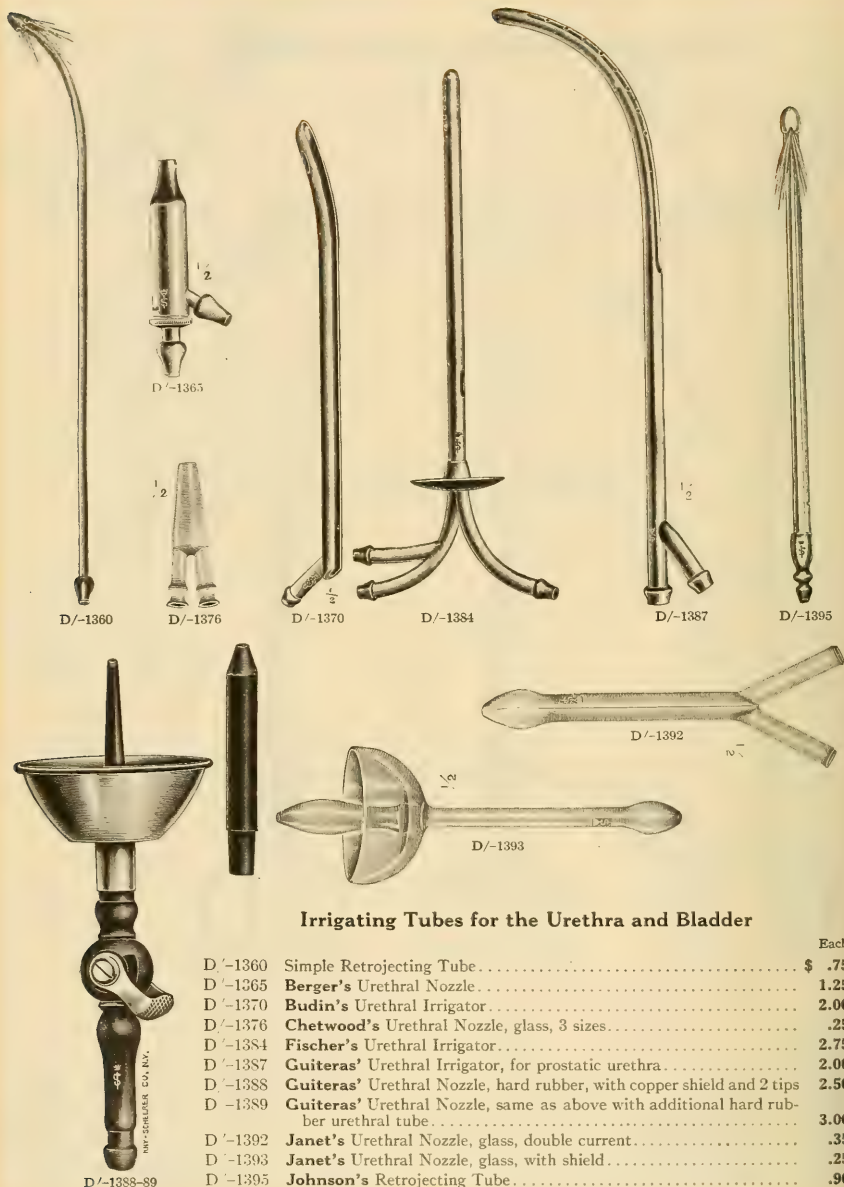
	Each
D/-1289 Lewis' (Bransford) Ureter Dilator.....	\$ 7.50
D/-1290 Lewis' (Bransford) Bladder Forceps, serrated edge.....	8.25
D/-1291 Lewis' (Bransford) Bladder Forceps, cutting edge, spiral shank.....	8.75
D/-1292 Lewis' (Bransford) Bladder Scissors.....	10.00
D/-1294 Mathieu's Urethral Forceps, straight.....	5.50



### Bladder and Urethral Forceps, Scissors, Etc.

(Continued)

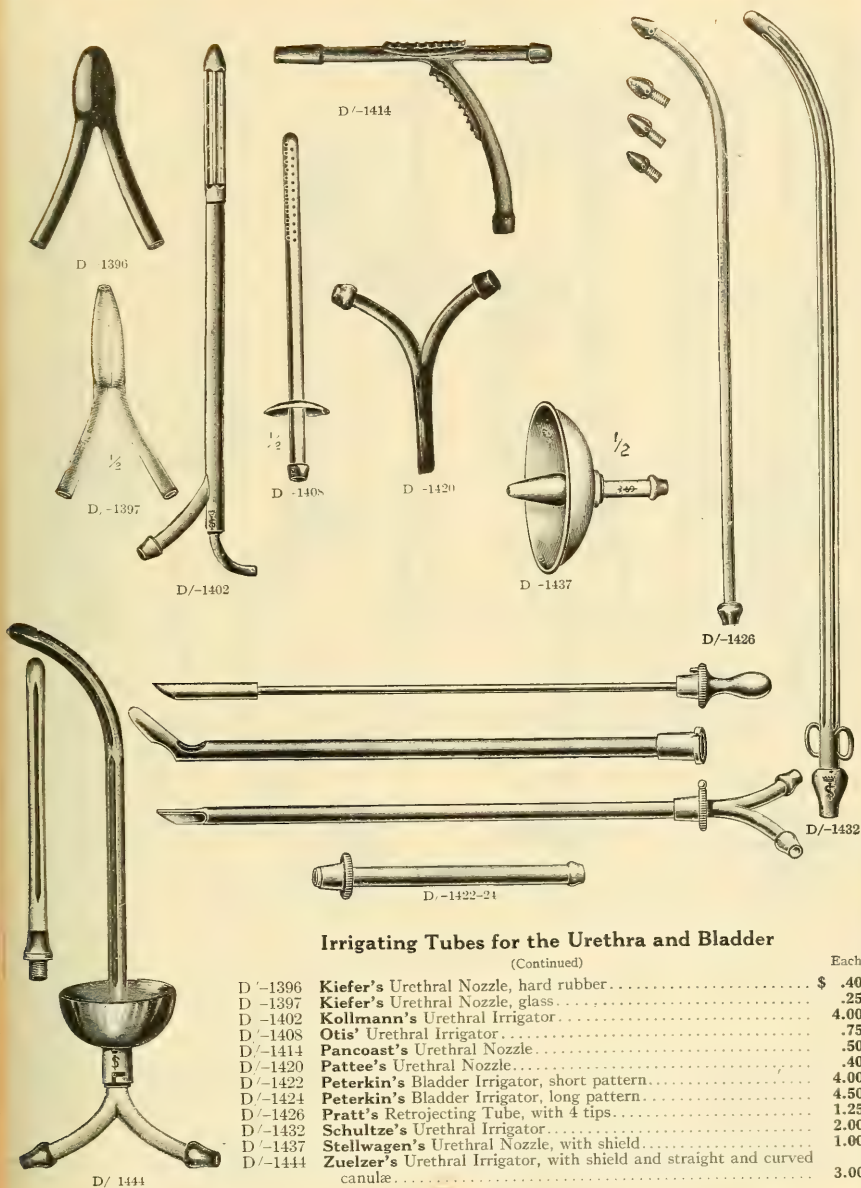
	Each
D/-1296 Mathieu's Urethral Forceps, curved.....	\$ 6.00
D/-1300 Mathieu's Urethral Forceps, angular, 7½ inches.....	5.50
D/-1302 Mathieu's Bladder Forceps, angular, 11 inches.....	6.00
D/-1305 Mathieu's Urethral Forceps, angular, punch jaw.....	9.00
D/-1318 Pitha's Urethral Forceps, straight.....	1.50
D/-1319 Pitha's Urethral Forceps, curved.....	1.50



### Irrigating Tubes for the Urethra and Bladder

	Each
D/-1360 Simple Retrojecting Tube.....	\$ .75
D/-1365 <b>Berger's</b> Urethral Nozzle.....	1.25
D/-1370 <b>Budin's</b> Urethral Irrigator.....	2.00
D/-1376 <b>Chetwood's</b> Urethral Nozzle, glass, 3 sizes.....	.25
D/-1384 <b>Fischer's</b> Urethral Irrigator.....	2.75
D/-1387 <b>Guiteras'</b> Urethral Irrigator, for prostatic urethra.....	2.00
D/-1388 <b>Guiteras'</b> Urethral Nozzle, hard rubber, with copper shield and 2 tips.....	2.50
D/-1389 <b>Guiteras'</b> Urethral Nozzle, same as above with additional hard rubber urethral tube.....	3.00
D/-1392 <b>Janet's</b> Urethral Nozzle, glass, double current.....	.35
D/-1393 <b>Janet's</b> Urethral Nozzle, glass, with shield.....	.25
D/-1395 <b>Johnson's</b> Retrojecting Tube.....	.90

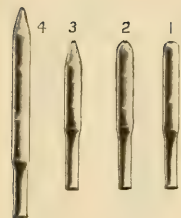




### Irrigating Tubes for the Urethra and Bladder

(Continued)

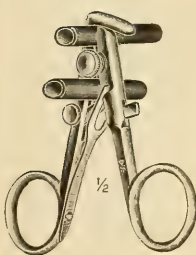
	Each
D/-1396 Kiefer's Urethral Nozzle, hard rubber.....	\$ .40
D/-1397 Kiefer's Urethral Nozzle, glass.....	.25
D/-1402 Kollmann's Urethral Irrigator.....	4.00
D/-1408 Otis' Urethral Irrigator.....	.75
D/-1414 Pancoast's Urethral Nozzle.....	.50
D/-1420 Pattee's Urethral Nozzle.....	.40
D/-1422 Peterkin's Bladder Irrigator, short pattern.....	4.00
D/-1424 Peterkin's Bladder Irrigator, long pattern.....	4.50
D/-1426 Pratt's Retrojecting Tube, with 4 tips.....	1.25
D/-1432 Schultze's Urethral Irrigator.....	2.00
D/-1437 Stettin's Urethral Nozzle, with shield.....	1.00
D/-1444 Zuelzer's Urethral Irrigator, with shield and straight and curved canulae.....	3.00



P/-1160-61



P/-3613



D/-1460



D/-1480



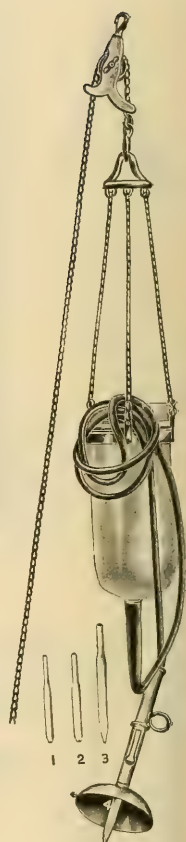
P/-1750



D/-1474



P/-1752



P/-1754

### Catheter Stop Cocks

D/-1460	Chetwood's Cut-off, alternating.....	Each
D/-1474	Keyes' Stop-cock, two-way.....	\$ 2.75
D/-1480	Poole's Stop-cock, three-way.....	1.25
		1.00

### Intravesical Irrigators

P/-1750	Valentine's Intravesical Irrigator, for the treatment of gonorrhoea by permanganate solution injections, with plain wall bracket, reservoir, rubber tube, metal protection shield, 4 glass nozzles and bottle of permanganate tablets.....	4.00
P/-1752	Valentine's Intravesical Irrigator, same as above, but with adjustable metal wall bracket, arranged with pulley and chain for adjusting height of reservoir.....	5.50
P/-1754	Valentine's Intravesical Irrigator, same as above, but with The Kny-Scherer Company's automatic stop pulley and chain, for the easy adjustment of the reservoir.....	6.75
P/-1160	Valentine's Nozzle, glass, 3 patterns, Nos. 1, 2 and 3.....	Dozen .50
P/-1161	Valentine's Nozzle, glass, No. 4.....	Dozen .60
P/-3613	Valentine's Irrigator Tube, marbled rubber, 6 feet long, with funnel end.....	Each 1.25



D/-1504



D/-1510



D/-1516



D/-1522



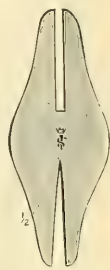
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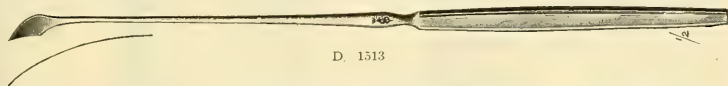
D/-1534



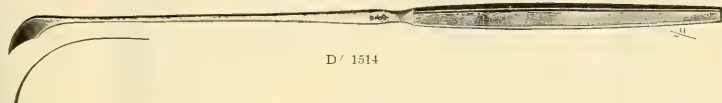
D/-1540



D/-1543



D/ 1513



D/ 1514

## Knives

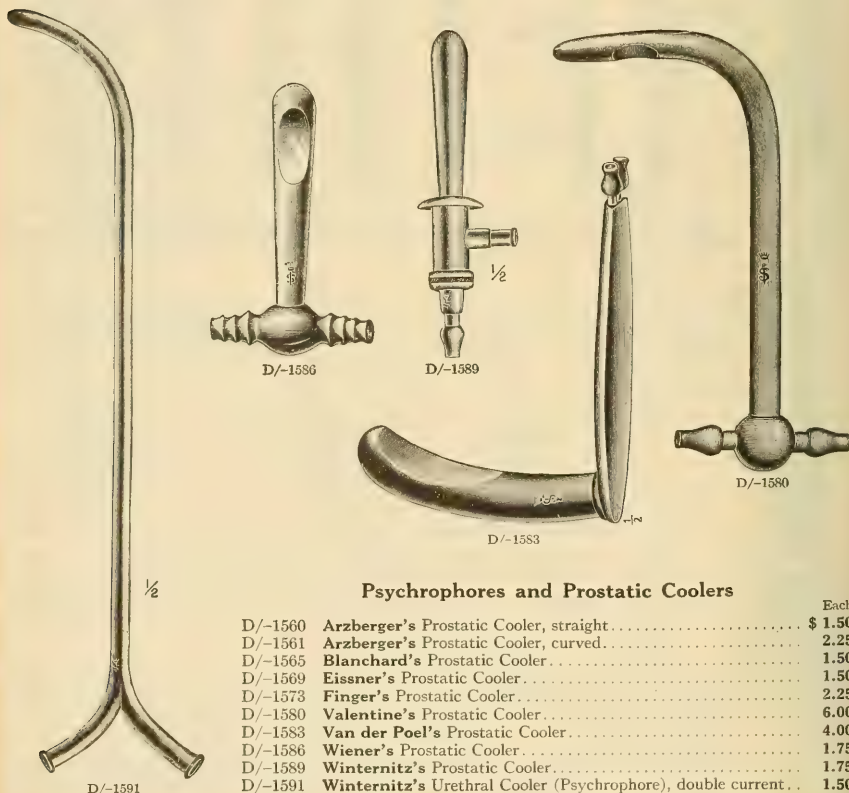
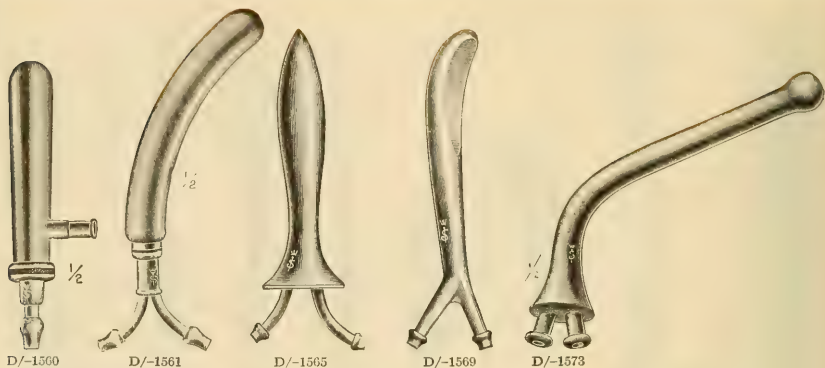
	Each
D/-1504 Circumcision Knife.....	\$ 2.50
D/-1510 Civiale's Meatotome, concealed blade.....	5.50
D/-1513 Fenwick's Bladder Knife, for resection of growths, slightly curved.....	2.00
D/-1514 Fenwick's Bladder Knife, for resection of growths, full curved.....	2.00
D/-1516 Gouley's Meatotome, concealed blade.....	2.50
D/-1522 Oberlaender's Meatotome, concealed blade.....	5.00
D/-1528 Otis' Meatotome, probe-pointed.....	1.50
D/-1534 Piffard's Meatotome, probe-pointed.....	1.50
D/-1540 Thompson's Meatotome.....	1.50
D/-1543 Circumcision Shield, double-ended.....	.50

## Meatometers

D/-1545 Piffard's Meatometer, graduated from No. 16 to No. 27 French scale...	.75
D/-1546 Piffard's Meatometer, graduated from No. 28 to No. 40 French scale...	.75



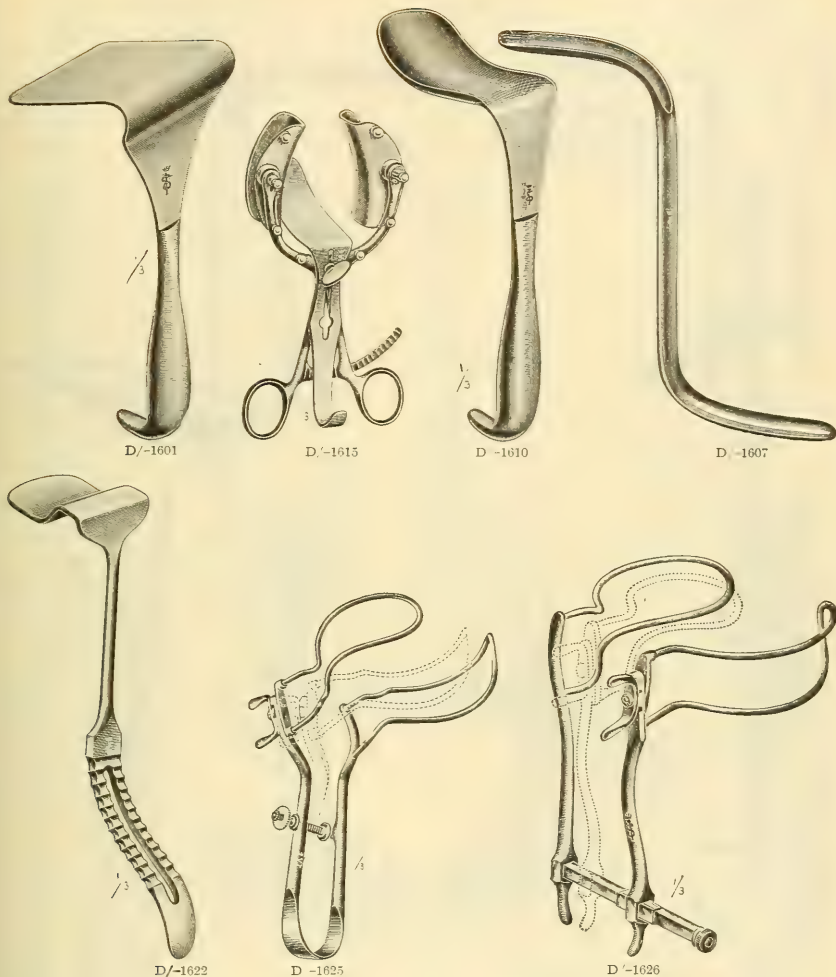
D/-1545-46



### Psychrophores and Prostatic Coolers

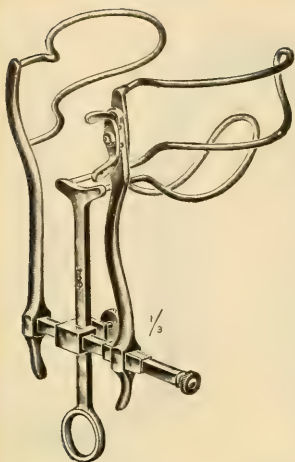
	Each
D/-1560 Arzberger's Prostatic Cooler, straight.....	\$ 1.50
D/-1561 Arzberger's Prostatic Cooler, curved.....	2.25
D/-1565 Blanchard's Prostatic Cooler.....	1.50
D/-1569 Eissner's Prostatic Cooler.....	1.50
D/-1573 Finger's Prostatic Cooler.....	2.25
D/-1580 Valentine's Prostatic Cooler.....	6.00
D/-1583 Van der Poel's Prostatic Cooler.....	4.00
D/-1586 Wiener's Prostatic Cooler.....	1.75
D/-1589 Winternitz's Prostatic Cooler.....	1.75
D/-1591 Winternitz's Urethral Cooler (Psychrophore), double current..	1.50



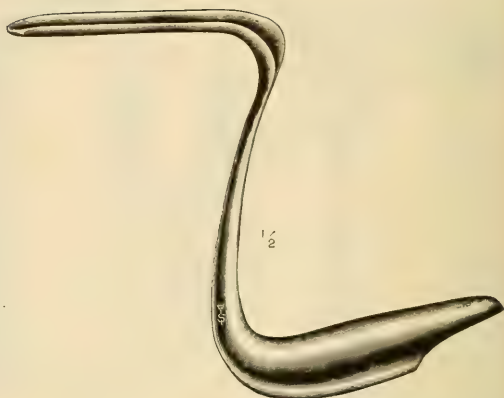


### Retractors

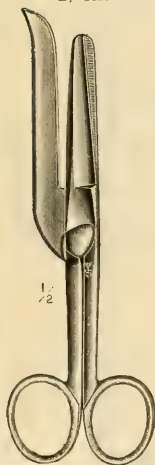
	Each
D/-1601 Albarran's Bladder Retractor.....	\$ 5.00
D/-1607 Keyes' Perineal Retractor, for supra-pubic cystotomy.....	1.75
D-1610 Kocher's Bladder Retractor.....	4.25
D/-1615 Legueu's Bladder Retractor, 3 bladed.....	10.50
D/-1622 Walker's Bladder Retractor, for transverse incisions, 2 sizes, $\frac{3}{4}$ and $1\frac{3}{4}$ inches wide.....	3.50
D-1625 Watson's Bladder Retractor.....	11.50
D/-1626 Watson's Bladder Retractor, dilating parallel.....	11.00



D/-1629



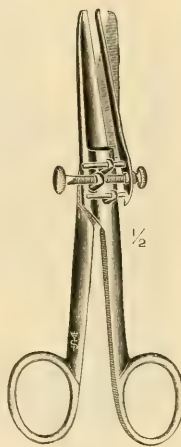
D/-1634



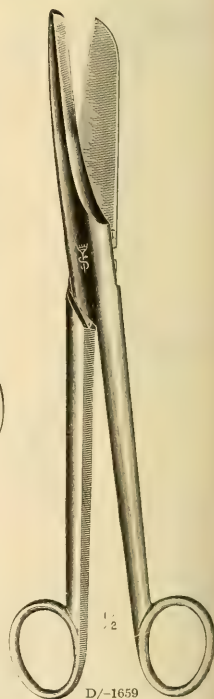
D/-1653



D/-1649



D/-1659



D/-1659

### Retractors

(Continued)

		Each
D/-1629	Watson-Wanter's Bladder Retractor, 3 bladed	\$17.50
D/-1634	Zuckerkandl's Bladder Retractor	3.00

### Scissors

		Each
D/-1645	Baruch's Circumcision Scissors	2.00
D/-1649	Bierhoff's Circumcision Scissors	6.00
D/-1653	Dutch's Circumcision Scissors	2.25
D/-1659	Taylor's Phimosis Scissors	4.00



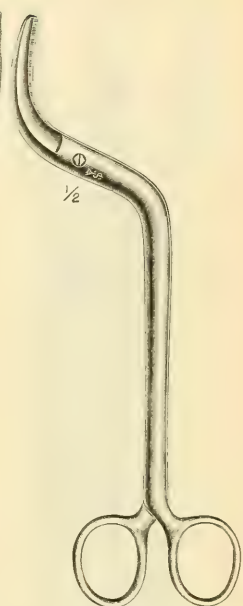
D/-1680



D/-1681



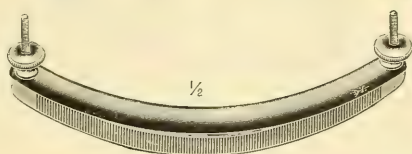
D/-1682



D/-1683



D/-1699



D/-1703



D/-1691

### Scissors (Continued)

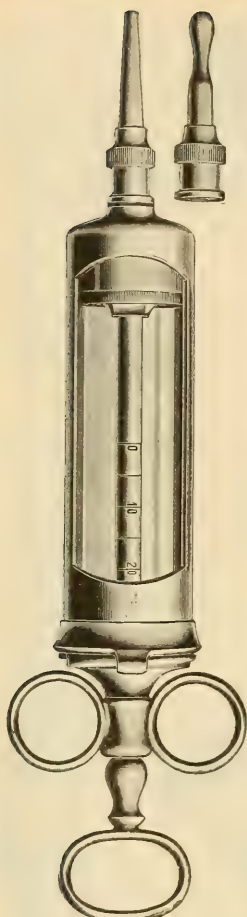
	Each
D/-1680 Zuckerkindl's Bladder Scissors, double curved, for vesical growths . . . . .	\$ 2.75
D/-1681 Zuckerkindl's Bladder Scissors, double curved, for deep-seated vesical growths . . . . .	5.25
D/-1682 Zuckerkindl's Bladder Scissors, curved to right, for vesical growths . . . . .	4.75
D/-1683 Zuckerkindl's Bladder Scissors, curved to left, for vesical growths . . . . .	4.75

### Scrotal Instruments

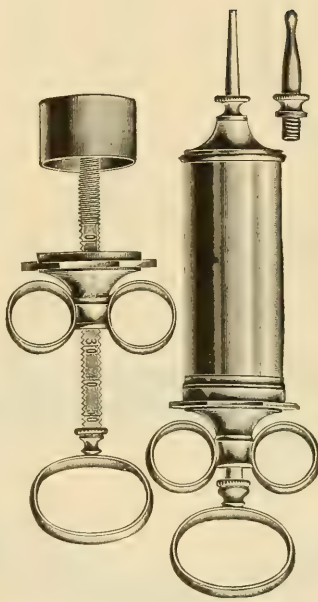
D/-1691 Henry's Scrotal Clamp . . . . .	6.00
D/-1695 Keyes' Varicocele Needle, spear point . . . . .	1.25
D/-1696 Keyes' Varicocele Needle, oblique point . . . . .	1.25
D/-1699 King's Varicocele Clamp . . . . .	6.00
D/-1703 Lewis' Varicocele Clamp . . . . .	2.25



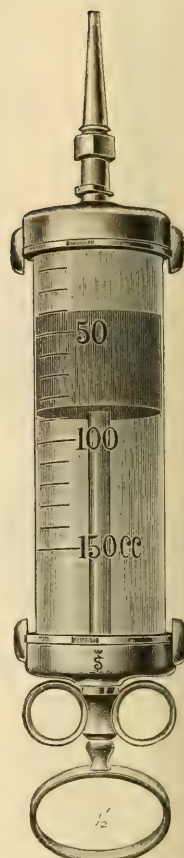
D/-1695 D/-1696



D/-1722-27



D/-1754-61



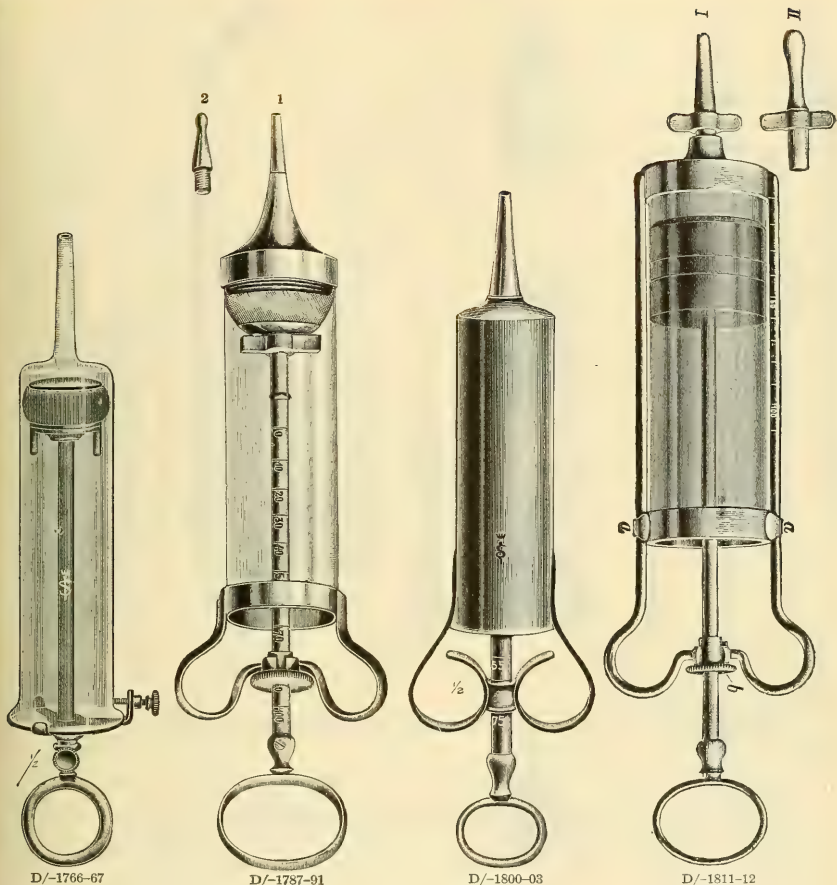
D/-1733-37

### Bladder Syringes

		Each
D -1722	"Aesculapius" Bladder Syringe, 30 cc., with adjustable durite piston.....	\$ 4.50
D/-1723	"Aesculapius" Bladder Syringe, 50 cc., with adjustable durite piston.....	4.75
D/-1724	"Aesculapius" Bladder Syringe, 100 cc., with adjustable durite piston.....	5.25
D/-1725	"Aesculapius" Bladder Syringe, 150 cc., with adjustable durite piston.....	6.00
D/-1727	"Aesculapius" Bladder Syringe, 200 cc., with adjustable durite piston.....	7.00
D/-1733	Alexander's Bladder Syringe, "Record" pattern, 50 cc.....	9.00
D/-1734	Alexander's Bladder Syringe, "Record" pattern, 75 cc.....	10.00
D/-1735	Alexander's Bladder Syringe, "Record" pattern, 100 cc.....	10.50
D/-1736	Alexander's Bladder Syringe, "Record" pattern, 150 cc.....	11.50
D/-1737	Alexander's Bladder Syringe, "Record" pattern, 200 cc.....	13.50
D/-1754	"Asta" Bladder Syringe, 15 cc., all metal.....	2.25
D/-1755	"Asta" Bladder Syringe, 30 cc., all metal.....	2.50
D/-1757	"Asta" Bladder Syringe, 50 cc., all metal.....	3.00
D -1758	"Asta" Bladder Syringe, 80 cc., all metal.....	3.50
D -1759	"Asta" Bladder Syringe, 100 cc., all metal.....	4.00
D -1760	"Asta" Bladder Syringe, 150 cc., all metal.....	4.50
D -1761	"Asta" Bladder Syringe, 200 cc., all metal.....	5.00

SCHEEPER CO.

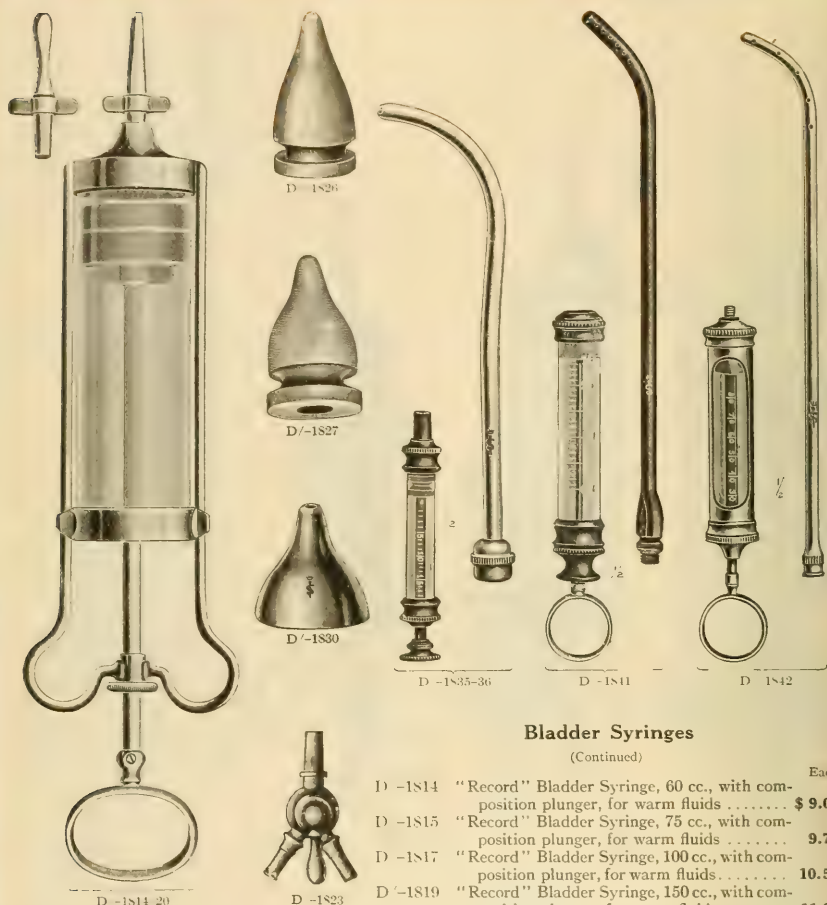




### Bladder Syringes

(Continued)

		Each
D/-1766	<b>Brodhead's</b> Bladder Syringe, 2½ ounces, with adjustable soft rubber piston.....	\$ 2.75
D/-1767	<b>Brodhead's</b> Bladder Syringe, 4½ ounces, with adjustable soft rubber piston.....	3.25
D/-1787	<b>Janet-Frank's</b> Bladder Syringe, 30 cc., with 2 tips.....	4.75
D/-1788	<b>Janet-Frank's</b> Bladder Syringe, 50 cc., with 2 tips.....	5.00
D/-1789	<b>Janet-Frank's</b> Bladder Syringe, 100 cc., with 2 tips.....	5.50
D/-1790	<b>Janet-Frank's</b> Bladder Syringe, 150 cc., with 2 tips.....	6.00
D/-1791	<b>Janet-Frank's</b> Bladder Syringe, 200 cc., with 2 tips.....	7.00
D/-1800	<b>Kny-Scheerer Co.'s</b> Bladder Syringe, 50 cc., metal, with adjustable rubber piston.....	3.25
D/-1801	<b>Kny-Scheerer Co.'s</b> Bladder Syringe, 75 cc., metal, with adjustable rubber piston.....	3.50
D/-1802	<b>Kny-Scheerer Co.'s</b> Bladder Syringe, 100 cc., metal, with adjustable rubber piston.....	3.75
D/-1803	<b>Kny-Scheerer Co.'s</b> Bladder Syringe, 150 cc., metal, with adjustable rubber piston.....	4.50
D/-1811	"Record" Bladder Syringe, 50 cc., with 2 tips.....	9.00
D/-1812	"Record" Bladder Syringe, 100 cc., with 2 tips.....	10.50



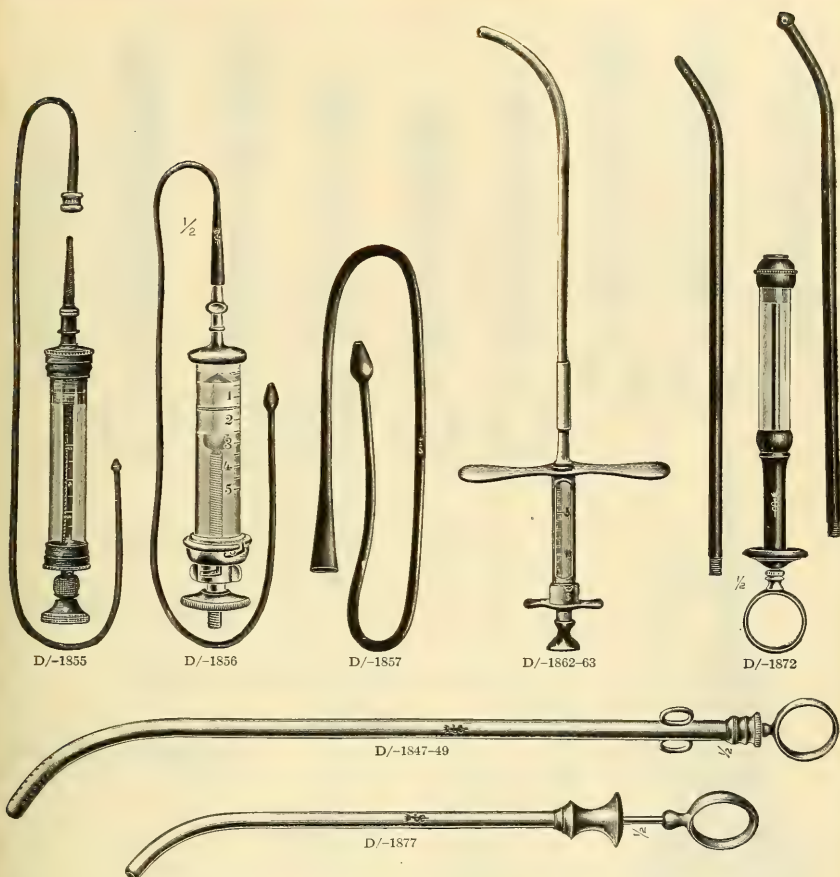
### Bladder Syringes

(Continued)

	Each
D-1814 "Record" Bladder Syringe, 60 cc., with composition plunger, for warm fluids	\$ 9.00
D-1815 "Record" Bladder Syringe, 75 cc., with composition plunger, for warm fluids	9.75
D-1817 "Record" Bladder Syringe, 100 cc., with composition plunger, for warm fluids	10.50
D-1819 "Record" Bladder Syringe, 150 cc., with composition plunger, for warm fluids	11.25
D-1820 "Record" Bladder Syringe, 200 cc., with composition plunger, for warm fluids	12.50
D-1823 Three-way Stopcock, for "Record" Bladder Syringes	1.50
D-1826 Urethral Tip, soft rubber, for bladder syringes	.20
D-1827 Urethral Tip, soft rubber, for bladder syringes	.20
D-1830 Urethral Tip, Furniss', metal, for "Record" Syringes	.25

### Urethral Syringes

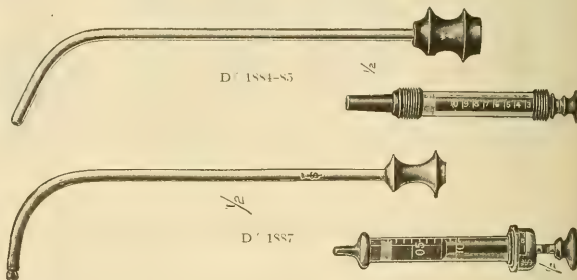
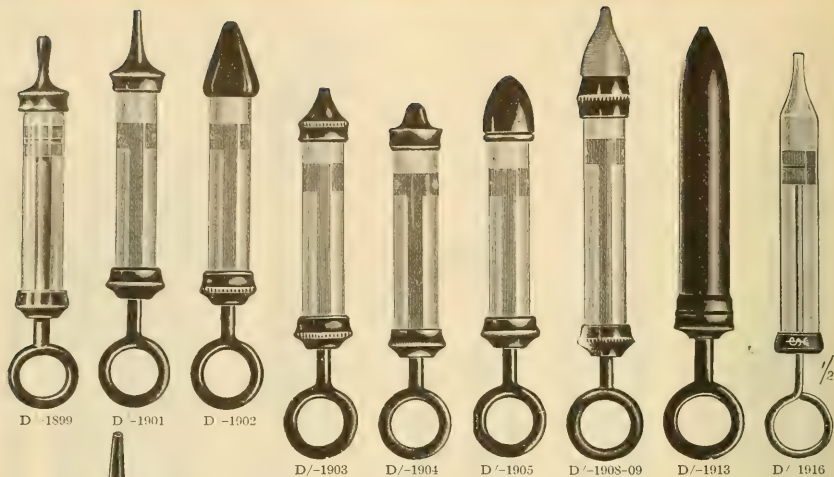
D-1835 Bolton Bangs' Syringe, glass barrel and hard rubber fittings	1.00
D-1836 Bolton Bangs' Tube, silver, for above, Nos. 13 to 18 French scale	3.00
Nos. 19 to 21 French scale	\$ 4.00
Nos. 22 and 23 French scale	4.50
Nos. 24 and 25 French scale	4.75
Nos. 26 and 27 French scale	5.25
No. 28 French scale	5.50
D-1841 Bumstead's Urethral Syringe, glass barrel, hard rubber mounted, in leather case	1.50
D-1842 Bumstead's Urethral Syringe, glass barrel, metal mounted	1.50



### Urethral Syringes

(Continued)

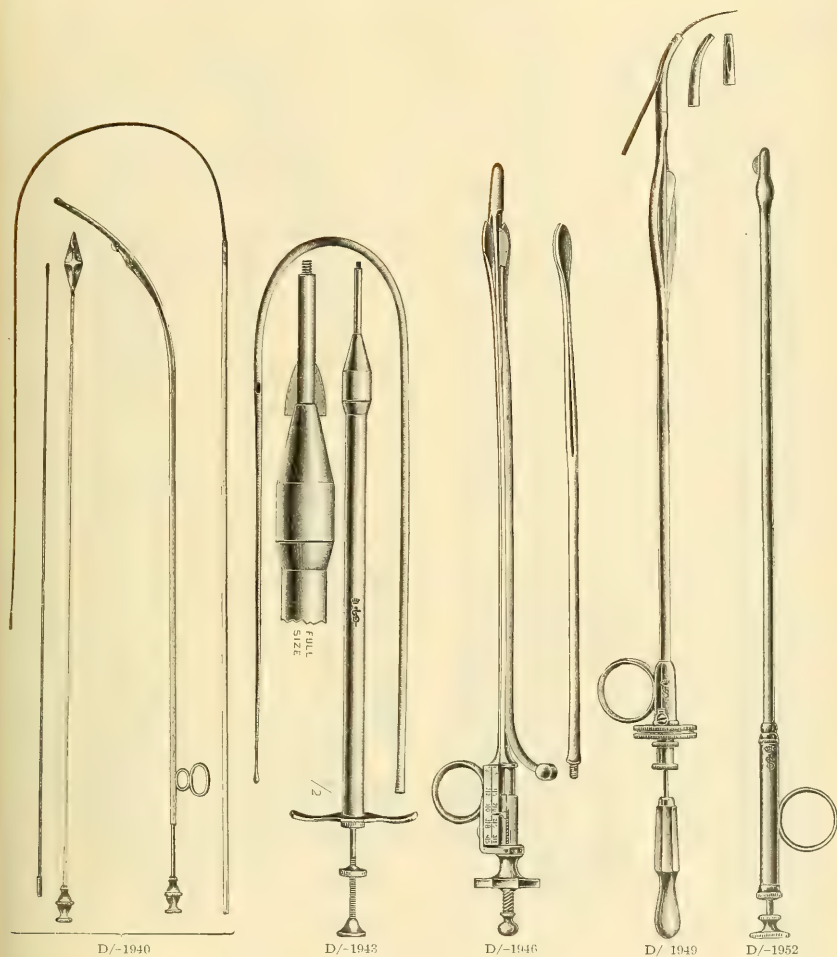
	Each
D/-1847 Dick's Catheter Syringe, plated.....	\$ 2.50
D/-1849 Dick's Catheter Syringe, silver.....	4.00
D/-1855 Guyon's Drop Syringe, glass barrel, hard rubber mounted, with 2 hard rubber tips and 1 elastic catheter, in case.....	3.00
D/-1856 Guyon's Drop Syringe, "Record" pattern, with 1 elastic catheter, in metal case.....	7.00
D/-1857 Guyon's Elastic Catheter.....	.75
D/-1862 Keyes-Ultzmann's Urethral Syringe, glass barrel, metal piston and plated canula, in case....	2.50
D/-1863 Keyes-Ultzmann's Urethral Syringe, glass barrel, metal piston and silver canula, in case....	2.75
D/-1872 Taylor-Bumstead's Urethral Syringe, glass barrel, hard rubber mounted, 2 hard rubber canulae, in case.....	2.50
D/-1877 Tomasoli's Ointment Syringe.....	2.25



### Urethral Syringes (Continued)

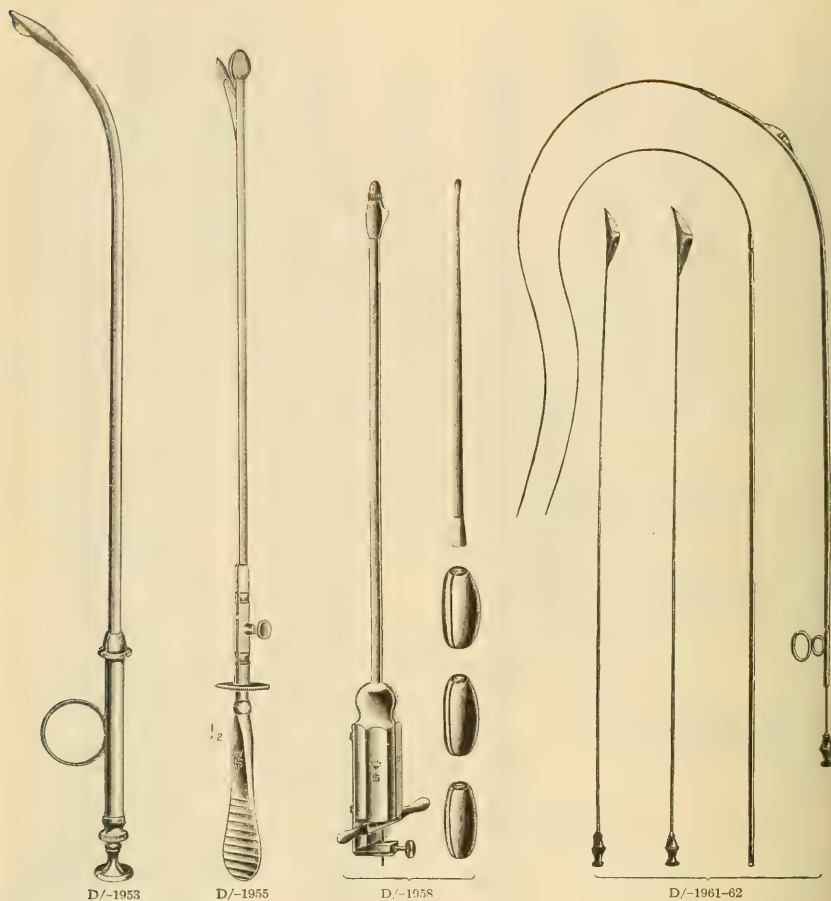
D-1884	Utzmann's Urethral Syringe, glass barrel, hard rubber mounted, with plated canula, in case.....	Each \$ 2.25
D-1885	Utzmann's Urethral Syringe, glass barrel, hard rubber mounted, with silver canula, in case.....	3.00
D-1887	Utzmann's Urethral Syringe, "Record" pattern, with metal glass-lined canula.....	4.25
D-1892	Van Buren's Hydrocele Bag Syringe, 6 ounces.....	1.75
D-1899	Urethral Injection Syringe, ¼ ounce, glass barrel, hard rubber mounted....	.50
D-1901	Urethral Injection Syringe, ¼ ounce, glass barrel, hard rubber mounted....	.50
D-1902	Urethral Injection Syringe, ¼ ounce, glass barrel, hard rubber mounted....	.50
D-1903	Urethral Injection Syringe, ¼ ounce, glass barrel, hard rubber mounted....	.50
D-1904	Urethral Injection Syringe, ¼ ounce, glass barrel, hard rubber mounted....	.60
D-1905	Urethral Injection Syringe, ¼ ounce, glass barrel, hard rubber mounted....	.50
D-1908	Urethral Injection Syringe, ½ ounce, glass barrel, hard rubber mounted and soft rubber tip.....	.75
D-1909	Urethral Injection Syringe, 1 ounce, glass barrel, hard rubber mounted and soft rubber tip.....	1.00
D-1913	Urethral Injection Syringe, ¼ ounce, all hard rubber.....	.60
D-1916	Urethral Injection Syringe, ¼ ounce, glass.....	.25
D-1920	Chetwood's Clamp, hard rubber, for holding solutions in urethra.....	1.75





### Urethrotomes

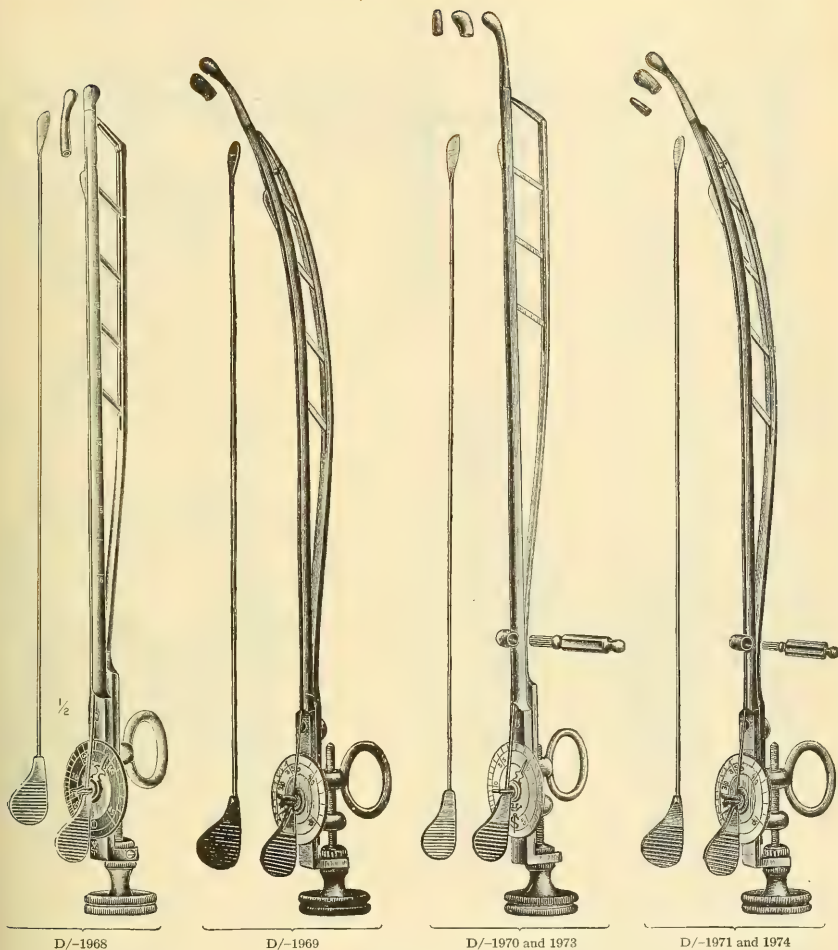
	Each
D/-1940 <b>Bottini's</b> Urethrotome, with 2 knives, 2 bougies and 1 filiform guide, in case.....	\$ 10.00
D/-1943 <b>Bredin's</b> Urethrotome, with filiform catheter, in case (patented).....	10.50
D/-1946 <b>Gerster's</b> Urethrotome, in case.....	18.00
D/-1949 <b>Gouley's</b> Urethrotome, with 3 tips, in case.....	12.50
D/-1952 <b>Gross'</b> Urethrotome, straight.....	2.75



### Urethrotomes

(Continued)

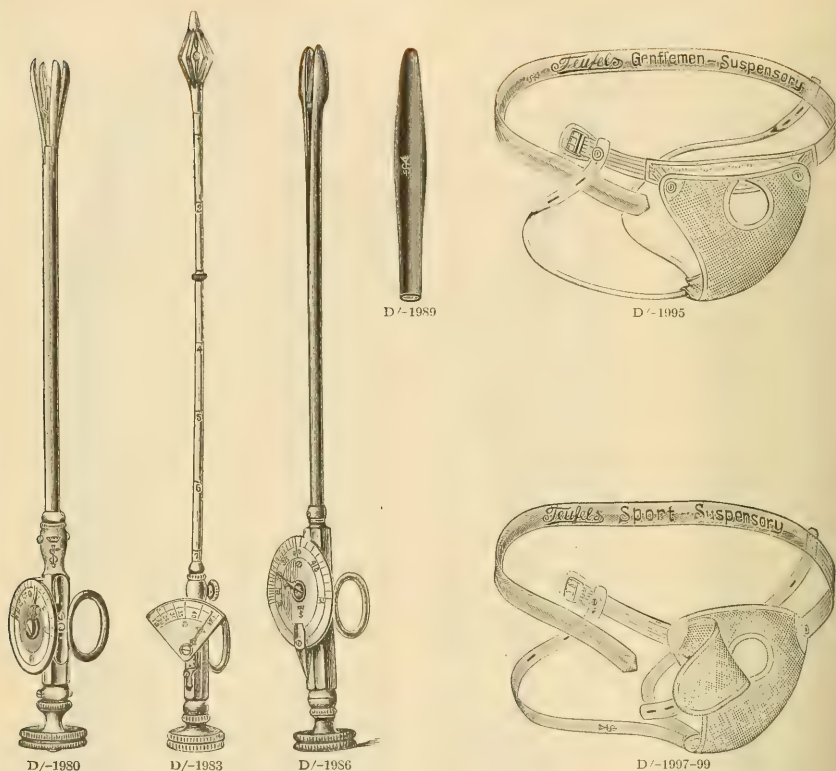
	Each
D/-1953 <b>Gross' Urethrotome, curved.</b> .....	\$ 3.00
D/-1955 <b>Gross' Urethrotome, exploratory</b> .....	3.50
D/-1958 <b>Kollmann's Urethrotome, with 4 bulbs and filiform bougie</b> .....	12.00
D/-1961 <b>Maisonneuve's Urethrotome, with 2 knives and 2 filiform bougies, in case</b> .....	8.00
D/-1962 <b>Maisonneuve's Urethrotome, with 3 knives, 2 filiform bougies and stylet, in case</b> .....	9.00



### Urethrotomes

(Continued)

	Each
D/-1968 Otis' Urethrotome, plain, straight, in case.....	\$ 12.50
D/-1969 Otis' Urethrotome, plain, curved, in case.....	12.50
D/-1970 Otis-Wyeth's Urethrotome, straight, with cog wheel and 3 tips, in case.....	13.50
D/-1971 Otis-Wyeth's Urethrotome, curved, with cog wheel and 3 tips, in case.....	13.50
D/-1973 Otis-Wyeth's Urethrotome, aseptic pattern, straight, with cog wheel and 3 tips, in case....	18.00
D/-1974 Otis-Wyeth's Urethrotome, aseptic pattern, curved, with cog wheel and 3 tips, in case.....	18.00



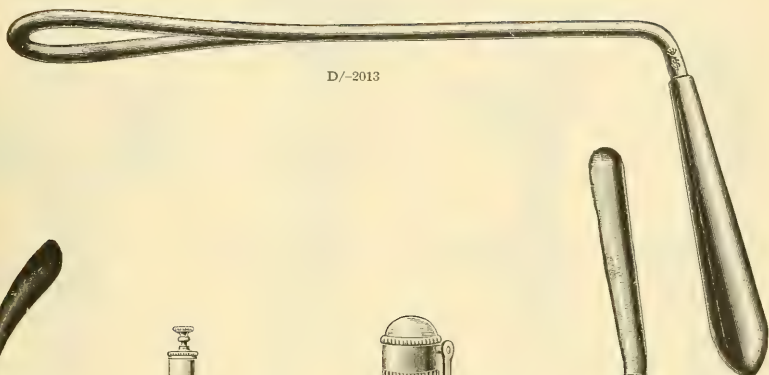
## Urethrometers

	Each
D/-1980 <b>Kollmann's</b> Urethrometer and Dilator.....	\$ 18.00
D/-1983 <b>Otis'</b> Urethrometer, with articulated tip, in case.....	13.50
D/-1986 <b>Weir's</b> Urethrometer.....	13.50
D/-1989 Soft Rubber Covers, for urethrometers.....	.20

## Suspensories

D/-1995 <b>Teufel's</b> "Gentlemen" Suspensory, cotton, with 5 extra detachable bags, 3 sizes.....	2.00
D/-1997 <b>Teufel's</b> "Sport" Suspensory, cotton, 3 sizes.....	1.00
D/-1998 <b>Teufel's</b> "Sport" Suspensory, cotton and silk bound, 3 sizes.....	1.75
D/-1999 <b>Teufel's</b> "Sport" Suspensory, all silk, 3 sizes.....	3.00





D/-2013



D/-2010



D/-2016



D/-2018



D/-2021-23

### Massage Apparatus

	Each
D/-2010 Dufaux's Prostatic Massage Instrument, soft rubber tip.....	\$ 6.75
D/-2013 Feleki's Prostatic Massage Instrument.....	3.00
D/-2016 Jennison's Hyperemia Apparatus.....	3.75
D/-2018 "Modern" Hyperemia Apparatus.....	5.00
D/-2021 Pezzoli's Prostatic Massage Instrument.....	3.75
D/-2023 Pezzoli's Prostatic Massage Instrument, with electric attachment.....	5.00



D/-2051-53



D/-2057



D/-2059



D/ 2063-65



D/-2070



D/-2073



D/-2075



D 2087



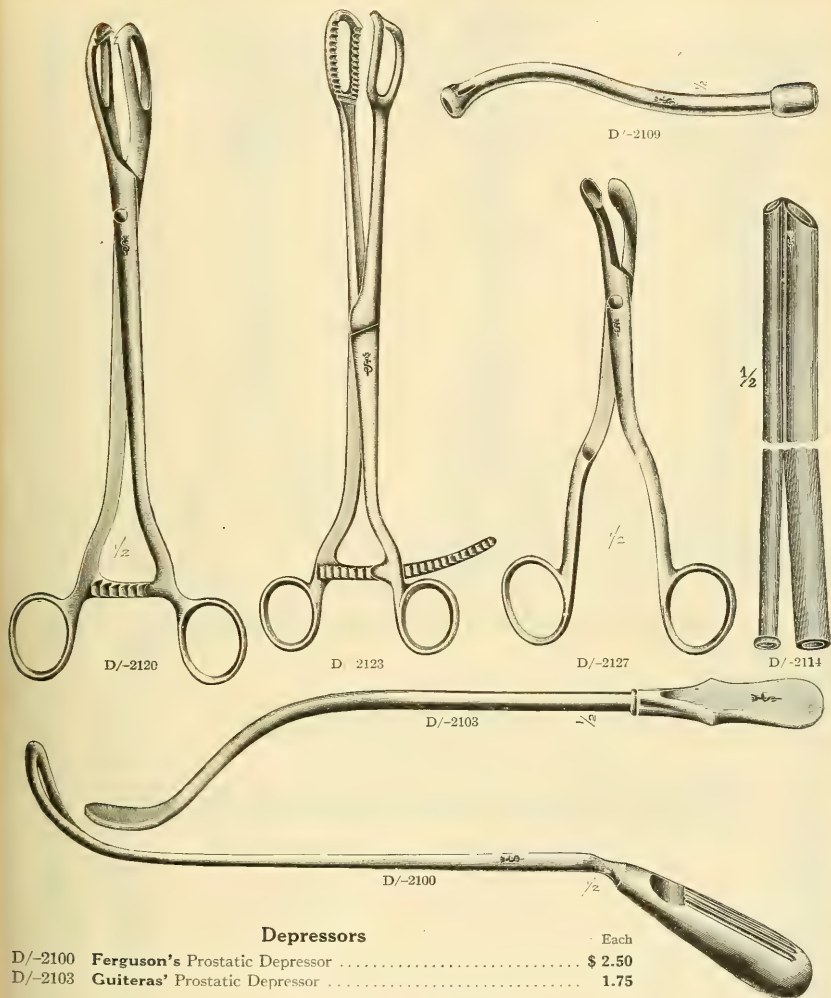
D -2082

## Urinals

	Each
D/-2051 Male Urinal, plain style, for adults.....	\$ 3.00
D/-2053 Male Urinal, plain style, for boys.....	2.75
D/-2057 Male Urinal, French pattern.....	3.25
D/-2059 Male Urinal, French pattern, long receptacle.....	3.25
D/-2063 Female Urinal, plain style, for adults.....	3.75
D/-2065 Female Urinal, plain style, for girls.....	3.25

## Miscellaneous

D/-2070 Artificial Testicle, celluloid.....	1.50
D/-2073 Bandage for prevention of masturbation, male.....	15.00
D/-2075 Bandage for prevention of masturbation, female.....	13.50
D/-2082 Petersen's Colpeurynter, for raising the bladder by distending the rectum, plain.....	.60
with stopcock.....	.90
D/-2087 Spermatorrhoea Ring, for preventing nocturnal emission of semen.....	.50



### Depressors

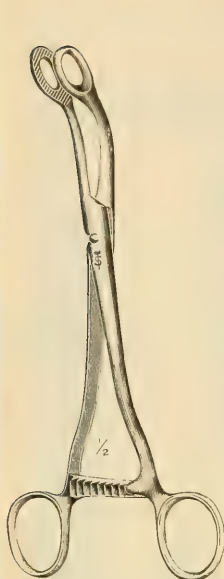
	Each
D/-2100 Ferguson's Prostatic Depressor .....	\$ 2.50
D/-2103 Guiteras' Prostatic Depressor .....	1.75

### Drainage Tubes

D/-2109 Ferguson's Prostatic Drainage Tube, silver.....	\$ 4.25
D/-2114 Young's Prostatic Drainage Tube, soft rubber, five sizes, 12, 16, 20, 24 and 28 mm. diameter of large tube.....	1.75

### Forceps

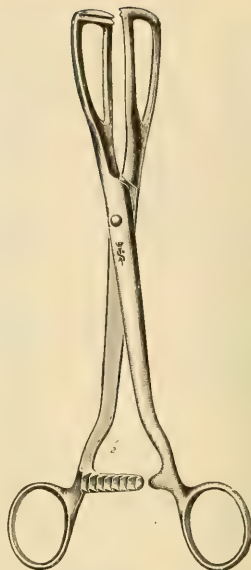
D/-2120 Ashcraft's Prostatic Lobe Forceps.....	5.00
D/-2123 Cathelin's Prostatic Lobe Forceps.....	5.50
D/-2127 Ferguson's Prostatectomy Forceps.....	4.50



D/-2130



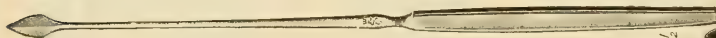
D/-2135



D/-2141



D/-2142



D/-2150



D/-2155



D/-2159



D/-2160



D/-2167



D/-2171

## Forceps

(Continued)

	Each
D/-2130 Guiteras' Prostatic Lobe Forceps.....	\$ 4.50
D/-2135 Stille's Prostatic Lobe Forceps.....	4.50
D/-2141 Young's Prostatic Lobe Forceps, small.....	3.75
D/-2142 Young's Prostatic Lobe Forceps, large.....	4.00

## Enucleators

D/-2150 Lichtenstern's Prostatic Enucleator.....	1.75
D/-2155 Young's Prostatic Enucleator.....	2.00
D/-2159 Young's Prostatic Dissector, sharp.....	1.75
D/-2160 Young's Prostatic Dissector, blunt.....	1.75

## Knives

D/-2167 Fenwick's Prostatectomy Knife.....	1.50
D/-2171 Mayo-Allen's Prostatectomy Knife.....	1.50
D/-2175 Siter's Prostatectomy Knife.....	1.75

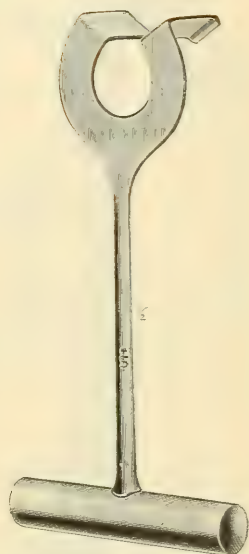




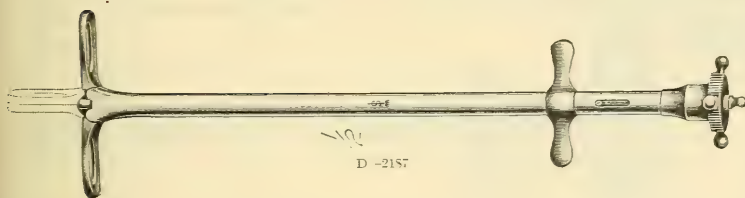
D -2180



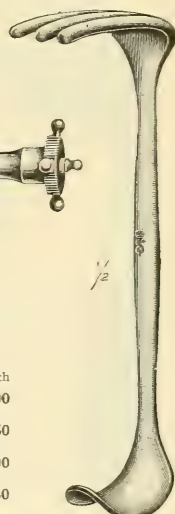
D -2191



D -2193



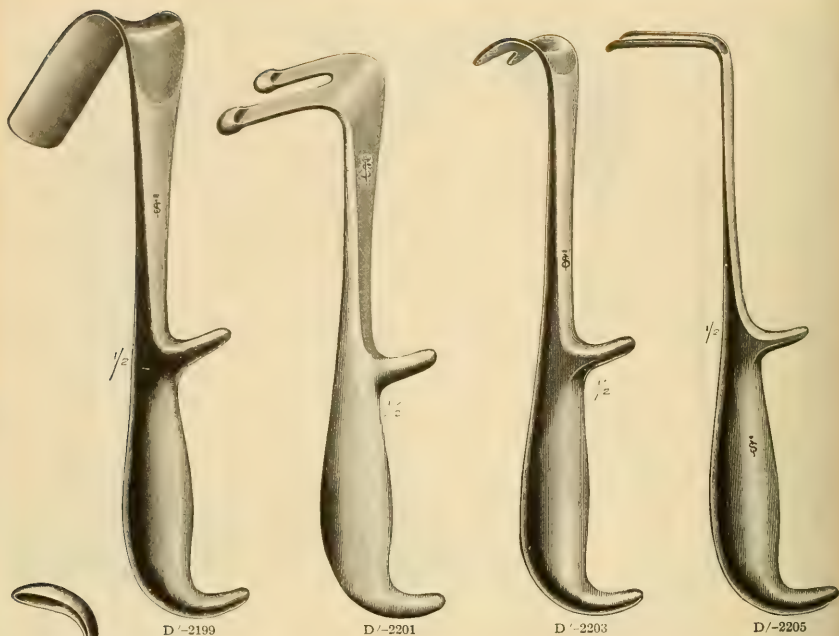
D -2187



D/-2183

### Retractors

	Each
D/-2180 <b>Ferguson's</b> Prostatic Retractor, double-ended.....	\$ 2.00
D/-2183 <b>Guiteras'</b> Prostatic Retractor, double-ended.....	2.50
D/-2187 <b>Markley's</b> Prostatic Retractor.....	8.00
D/-2191 <b>Proust's</b> Recto-coccygeal Retractor.....	4.50
D/-2193 <b>Proust's</b> Bulb Retractor.....	5.00



D/-2199

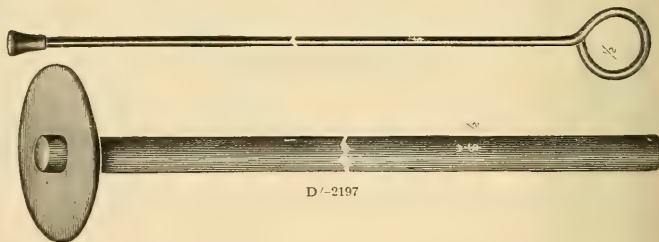
D/-2201

D/-2203

D/-2205



D/-2208

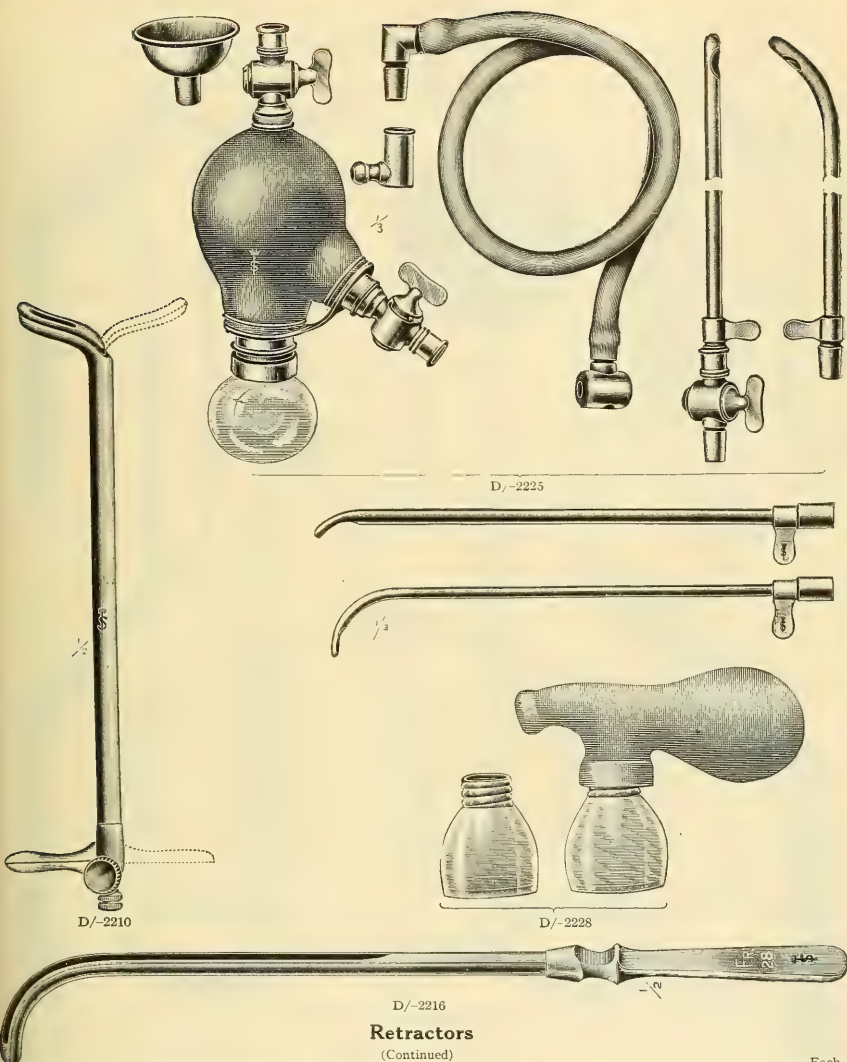


D/-2197

**Retractors**

(Continued)

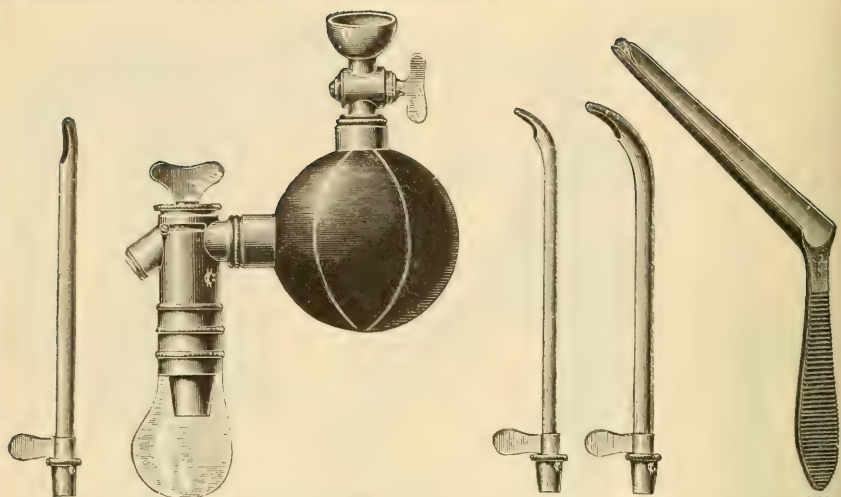
	Each
D/-2197 Symes' Prostatic Retractor, soft rubber, with metal stylet.....	\$ 2.75
D/-2199 Young's Anterior Retractor.....	4.00
D/-2201 Young's Bifid Retractor.....	4.00
D/-2203 Young's Bulb Retractor.....	4.00
D/-2205 Young's Lateral Retractor.....	3.25
D/-2208 Young's Spoon Tractor.....	2.00



### Retractors

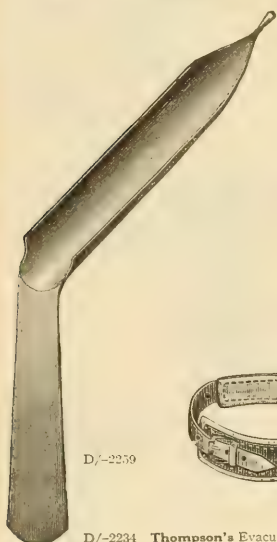
(Continued)

		(Continued)	Each
D/-2210	<b>Young's</b> Prostatic Tractor, latest model.....		<b>\$ 5.50</b>
<b>Staffs</b>			
D/-2216	<b>Ferguson's</b> Grooved Staff, for perineal prostatictomy, 2 sizes, Nos. 26 and 28 French scale....		<b>1.50</b>
<b>Evacuators</b>			
D/-2225	<b>Bigelow's</b> Evacuator, latest pattern, complete in case.....		<b>25.00</b>
D/-2228	<b>Chismore's</b> Evacuator, complete in case.....		<b>13.50</b>

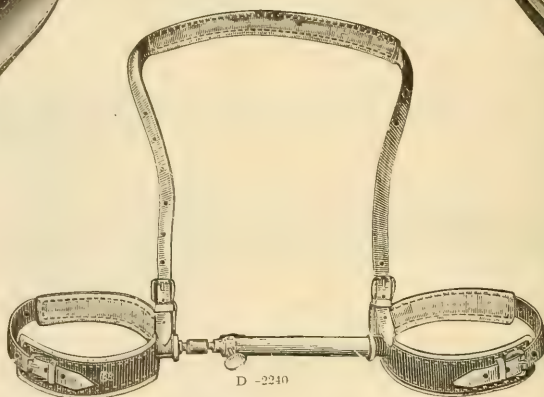


D/-2234

D/-2251



D/-2259



D -2240

### Evacuators

(Continued)

D/-2234 Thompson's Evacuator, latest pattern, complete in case

Each  
\$ 27.00

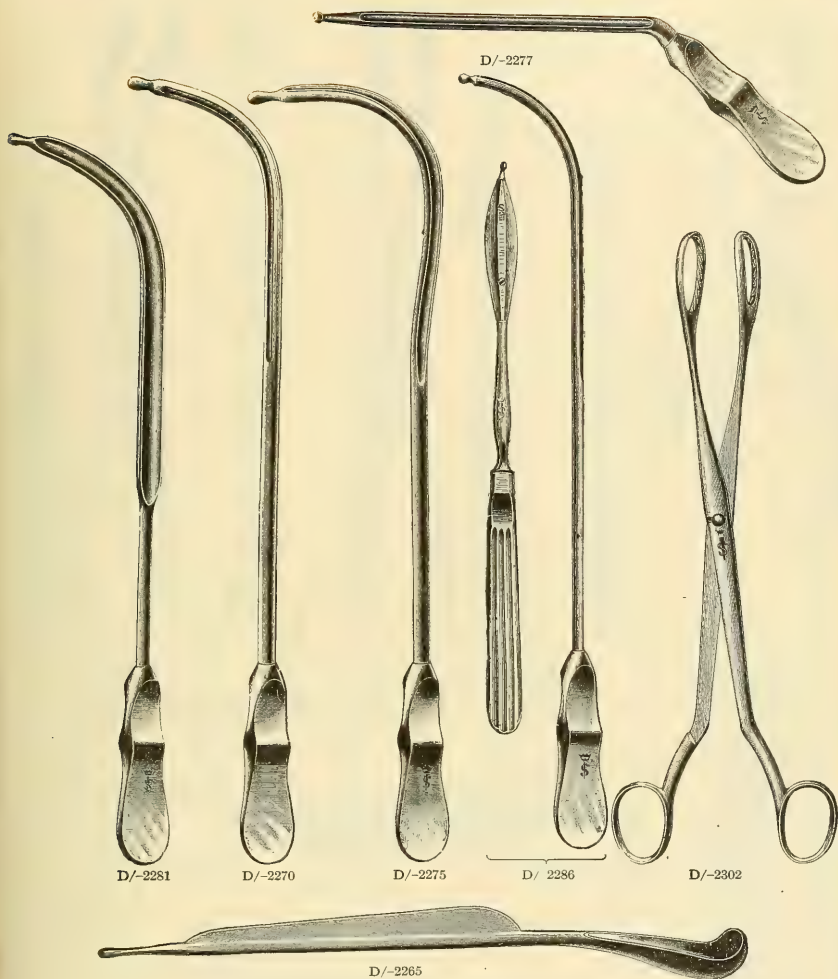
### Lithotomy Crutch

D -2240 Clover's Perineal and Lithotomy Crutch, can be readily disconnected so as to be carried in small satchel,..... 7.50

### Gorgets

D/-2251	Otis' Lithotomy Gorget	1.50
D -2255	Teale's Lithotomy Gorget	1.50
D -2259	Thompson's Lithotomy Gorget	1.25



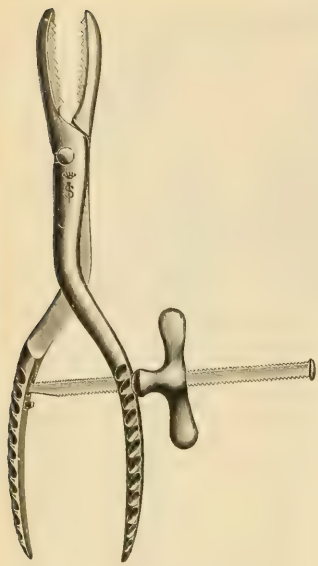


### Directors and Staffs

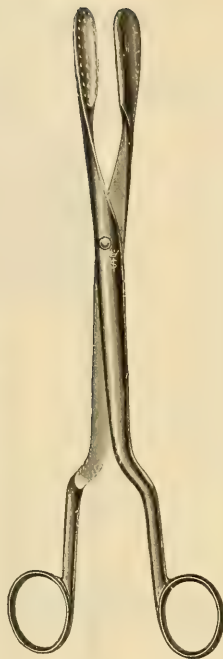
	Each
D/-2265 Director and Lithotomy Scoop, combined.....	\$ 2.75
D/-2270 Ferguson's Lithotomy Staff, with lateral groove, 3 sizes, Nos. 17, 19 and 21 French scale.....	1.25
D/-2275 Little's Lithotomy Staff, with central groove, 6 sizes, Nos. 15, 17, 18, 19, 22 and 25 French scale.....	1.25
D/-2277 Little's Lithotomy Staff, female.....	1.25
D/-2281 Markoe's Lithotomy Staff, with broad central groove, 4 sizes, Nos. 17, 19, 22 and 25 French scale.....	1.25
D/-2286 Wood's Lithotomy Staff, with bisector.....	4.50

### Lithotomy Forceps

D/-2302 Bergmann's Lithotomy Forceps.....	2.75
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D/-2303



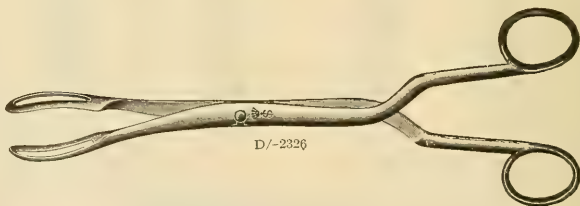
D/-2306



D/-2308



D/-2314

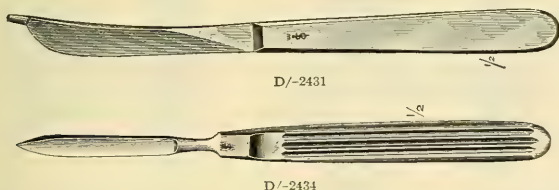
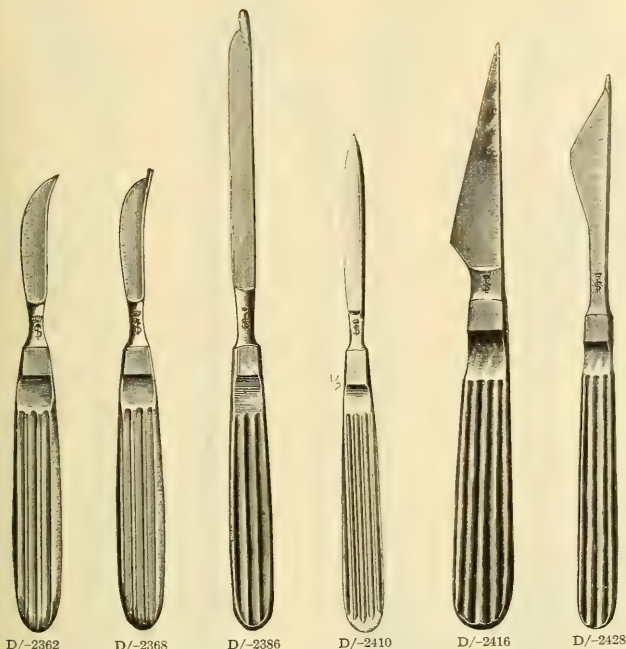


D/-2326

### Lithotomy Forceps

(Continued)

	Each
D/-2303 <b>Dolbeau's Lithoclast</b> .....	\$ 6.00
D/-2306 <b>Lewkowitz's Lithotomy Forceps, straight</b> .....	2.25
D/-2308 <b>Lewkowitz's Lithotomy Forceps, curved</b> .....	2.25
D/-2314 <b>Little's Lithotomy Forceps</b> .....	1.75
D/-2326 <b>Teevan's Lithotomy Forceps</b> .....	3.50

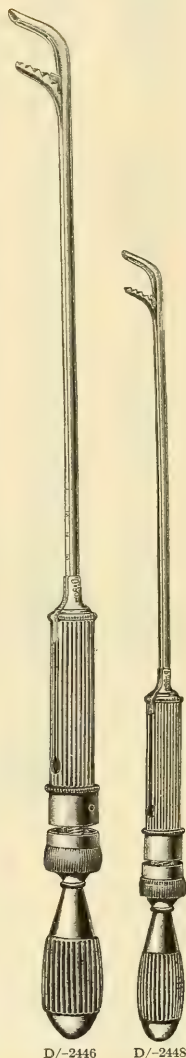


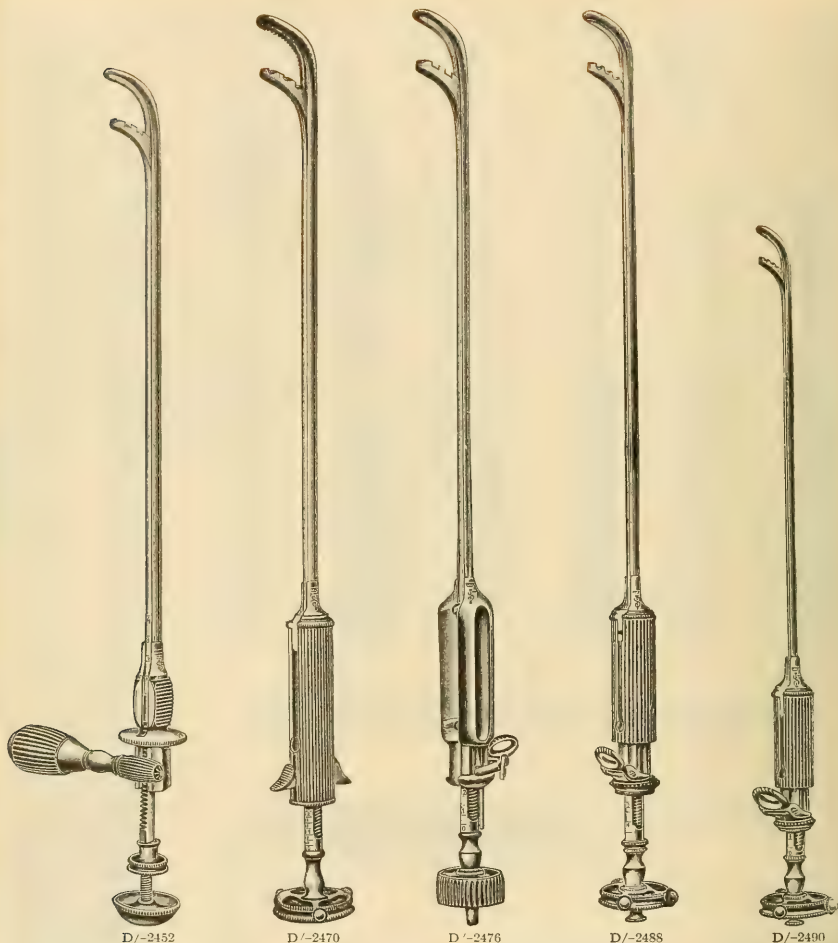
### Knives

	Each
D/-2362 Lithotomy Scalpel, sharp pointed.....	\$ 1.50
D/-2368 Lithotomy Scalpel, probe pointed.....	1.50
D/-2386 <b>Blizard's</b> Lithotomy Knife.....	1.75
D/-2410 <b>Little's</b> Lithotomy Knife.....	1.25
D/-2416 <b>Rust's</b> Lithotomy Knife.....	2.75
D/-2428 <b>Teevan's</b> Lithotomy Knife.....	2.50
D/-2431 <b>Thompson's</b> Lithotomy Knife.....	2.00
D/-2434 <b>Wyeth's</b> Lithotomy Knife.....	1.50

### Lithotrites

D/-2446 <b>Bigelow's</b> Lithotrite, latest pattern, 5 sizes, Nos. 20, 22, 24, 26 and 28 French scale.....	24.00
D/-2448 <b>Bigelow's</b> Lithotrite, for children, 2 sizes, Nos. 14 and 16 French scale.....	24.00





## Lithotrites

(Continued)

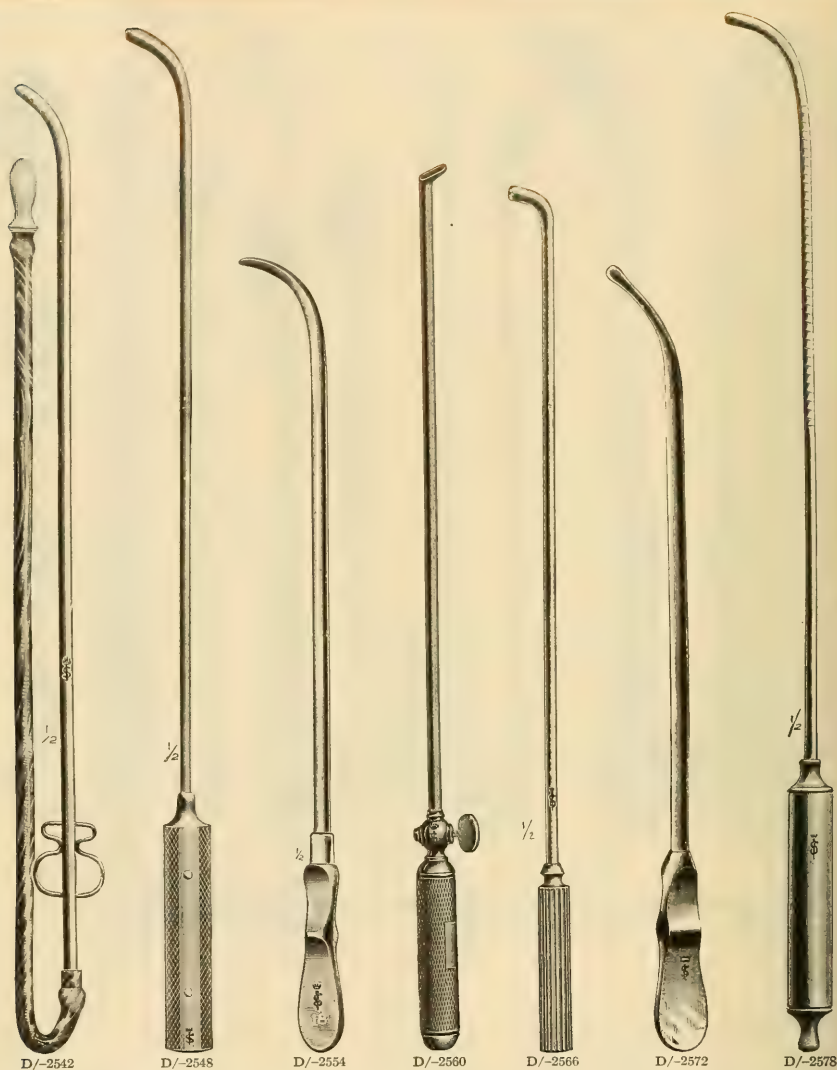
	Each
D/-2452 <b>Charrière's</b> Lithotrite.....	\$ 20.00
D/-2470 <b>Key's</b> Lithotrite.....	24.00
D/-2476 <b>Kutner's</b> Lithotrite, entirely dissectible.....	24.00
D/-2488 <b>Reliquet's</b> Lithotrite.....	24.00
D/-2490 <b>Reliquet's</b> Lithotrite, for children.....	24.00





### Scoops

	Each
D/-2510 Clover's Lithotomy Scoop, right.....	\$ 2.00
D/-2512 Clover's Lithotomy Scoop, left.....	2.00
D/-2518 Davy's Lithotomy Scoop, double-ended, with silk nets.....	3.00
D/-2521 Freyer's Lithotomy Scoop, double-ended, with round and oval blades.....	2.25
D/-2524 Langenbeck's Lithotomy Scoop.....	2.00
D/-2527 Little's Lithotomy Scoop.....	2.00
D/-2529 Luer-Koerte's Lithotomy Scoop, 4 sizes.....	2.00
D/-2534 Mussey's Lithotomy Scoop, rinsing.....	2.00



**Stone Searchers**

D/-2542	<b>Andrews' Stone Searcher</b> , with soft rubber tube and ear tip.....	Each <b>\$ 1.25</b>	D/-2566	<b>Keyes' Stone Searcher</b> , 3 sizes, Nos. 17, 18 and 19 French scale.....	Each <b>1.50</b>
D/-2548	<b>Collin's Stone Searcher</b> .....	<b>3.00</b>	D/-2572	<b>Little's Stone Searcher</b> , 4 sizes, Nos. 14, 16, 18 and 20 French scale....	<b>1.00</b>
D/-2554	<b>Gouley's Stone Searcher</b> .....	<b>1.10</b>	D/-2578	<b>Mathieu's Stone Searcher</b> , spiral shank.....	<b>4.00</b>
D/-2560	<b>Guyon's Stone Searcher</b> , with stop-cock.....	<b>3.00</b>			



D/-2590



D/-2596



D/-2602



D/-2612



D/-2613

### Stone Searchers

(Continued)

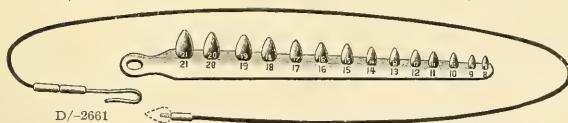
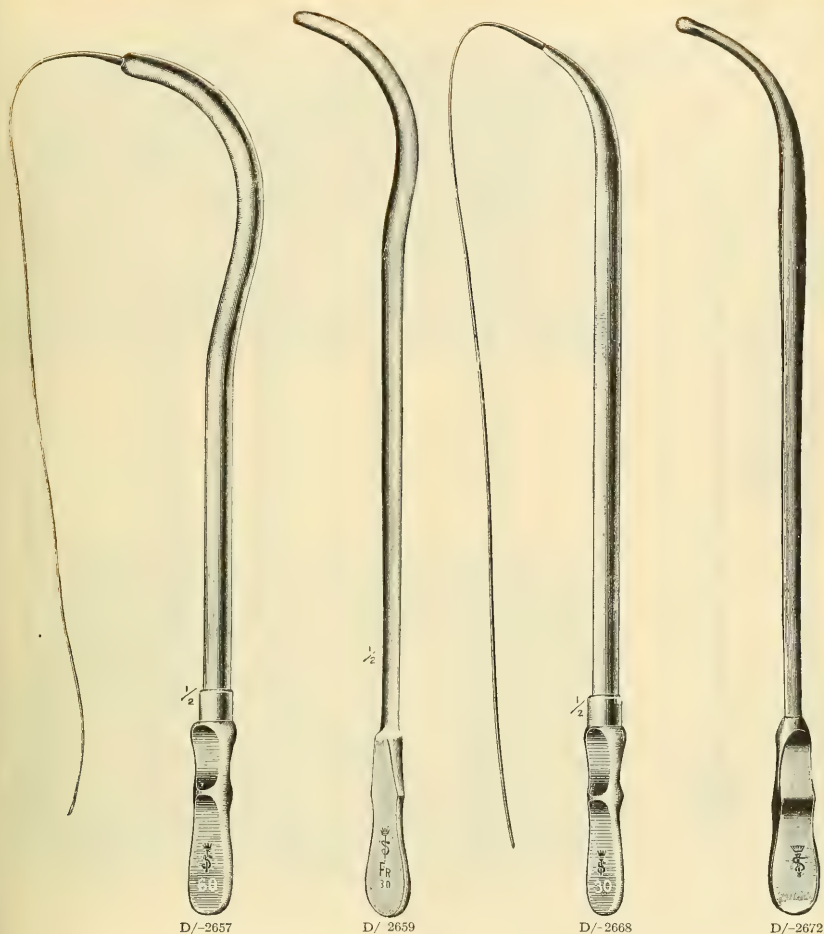
	Each
D/-2590 Posner's Stone Searcher, with soft rubber tube and ear tip.....	\$ 2.00
D/-2596 Thompson's Stone Searcher, plain, 5 sizes, Nos. 12, 14, 15, 16 and 18 French scale.....	1.25
D/-2602 Thompson's Stone Searcher, with stopcock, 5 sizes, Nos. 12, 14, 15, 16 and 18 French scale.....	2.50
D/-2612 Wildungen pattern Stone Searcher, lesser curve, 2 sizes, Nos. 14 and 15 French Scale.....	1.25
D/-2613 Wildungen pattern Stone Searcher, full curved, 2 sizes, Nos. 14 and 15 French scale.....	1.25



## Sounds

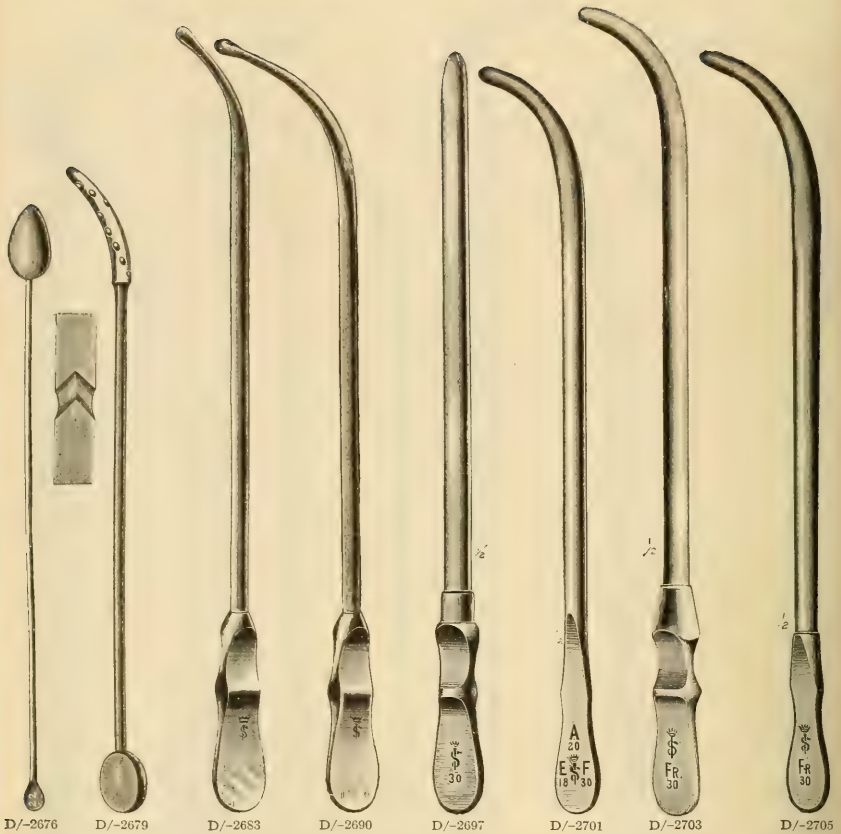
		Each
D/-2620	<b>Béniqué's</b> Sound, flexible tin, sizes No. 8 to 20 French scale.....	\$ .75
	No. 21 to 30 French scale.....	1.00
D/-2636	<b>Dittel's</b> Sound, straight, short, sizes No. 14 to 30 French scale.....	.75
D/-2638	<b>Dittel's</b> Sound, short curve, sizes No. 14 to 30 French scale.....	.75
D/-2640	<b>Dittel's</b> Sound, long curve, sizes No. 14 to 30 French scale.....	.75
D/-2646	Flexible Tin Sound, olive pointed, sizes No. 8 to 20 French scale.....	.75
	No. 21 to 30 French scale.....	1.00
D/-2652	<b>Gouley's</b> Sound, tunneled, for use with filiform bougie, sizes No. 8 to 30 French scale.....	1.25
D/-2656	<b>Guyon's</b> Sound, sizes No. 24 to 60 Béniqué's scale.....	.75





### Sounds (Continued)

D/-2657	Guyon's Sound, with filiform guide, sizes No. 24 to 60 Béniqué's scale.	Each \$ 2.00
D/-2658	Extra Filiform Guide, for above.	1.25
D/-2659	Guyon's Sound, double taper, sizes No. 15 to 36 French scale.	1.00
D/-2661	Guyon's Bougie à boule, set of 14 olive tips with elastic bougie.	9.00
D/-2668	Le Fort's Sound, taper point, with filiform guide, sizes No. 9 to 30 French scale.	2.00
D/-2669	Extra Filiform Guide, for above.	1.25
D/-2672	Nicoll's Sound, bulbous, with olive point, sizes No. 12 to 34 French scale, even sizes only.	1.25

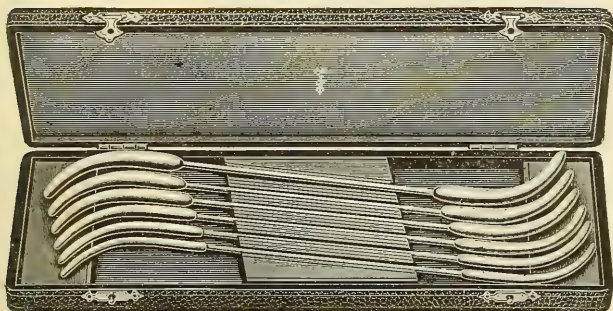


### Sounds

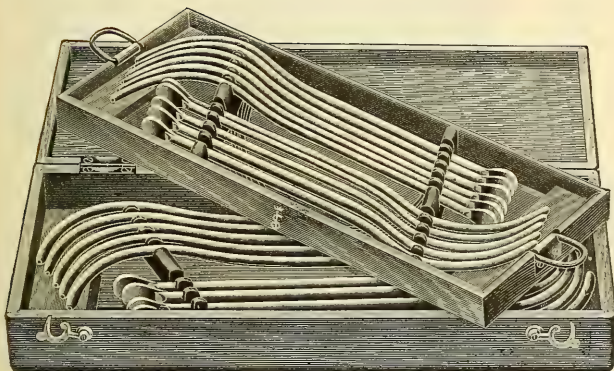
(Continued)

	Each
D/-2676 <b>Otis' Bougie à boule</b> , sizes No. 8 to 40 French scale .....	\$ .20
D/-2679 <b>Rockey's Sound</b> , cupped, for ointment .....	2.25
D/-2683 <b>Roser's Sound</b> , German silver, olive pointed, sizes No. 12 to 27 French scale .....	1.25
D/-2690 <b>Thompson's Sound</b> , olive pointed, sizes No. 12 to 28 French scale, even sizes only .....	1.00
D/-2697 <b>Van Buren's Sound</b> , straight, sizes No. 8 to 40 French scale .....	.45
D/-2701 <b>Van Buren's Sound</b> , curved, forged out of one piece, sizes No. 5 to 40 French scale .....	.50
D/-2703 <b>Van Buren's Sound</b> , curved, two pieces, set in heavy bronze handle, sizes No. 5 to 40 French scale .....	.60
D/-2705 <b>Van Buren's Sound</b> , curved, double taper, sizes No. 15 to 32 French scale .....	.75

WATSCHEER CO.



D/-2725



D/-2730



D/-2717

### Sounds

(Continued)

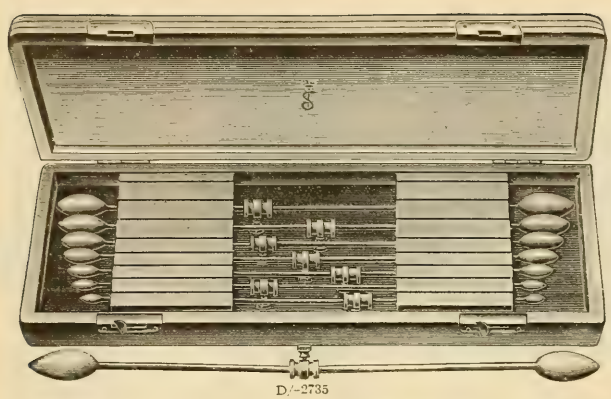
Each

D/-2717 **Wildungen** pattern Sound, combining 3 sizes in each sound, sizes No. 12 to 24 French scale... \$ 1.50

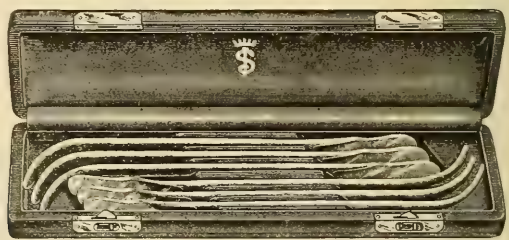
### Sounds in Sets

D/-2725 **Fowler's** Set of 6 Sounds, double ended, sizes No. 9 to 20 French scale, in case..... 3.00

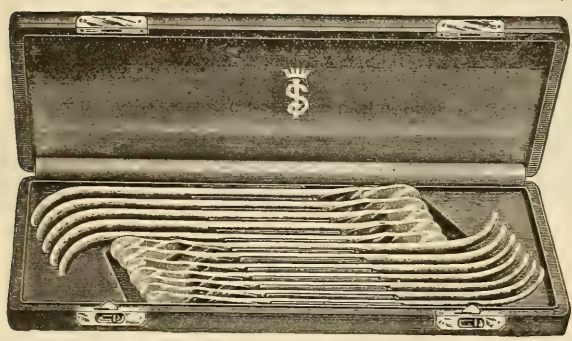
D/-2730 **Guyon's** Set of 21 Sounds, sizes No. 24 to 44 Béniqué's scale, with 6 filiform guides, in case... 27.00



D/-2735



D/-2742



D -2744

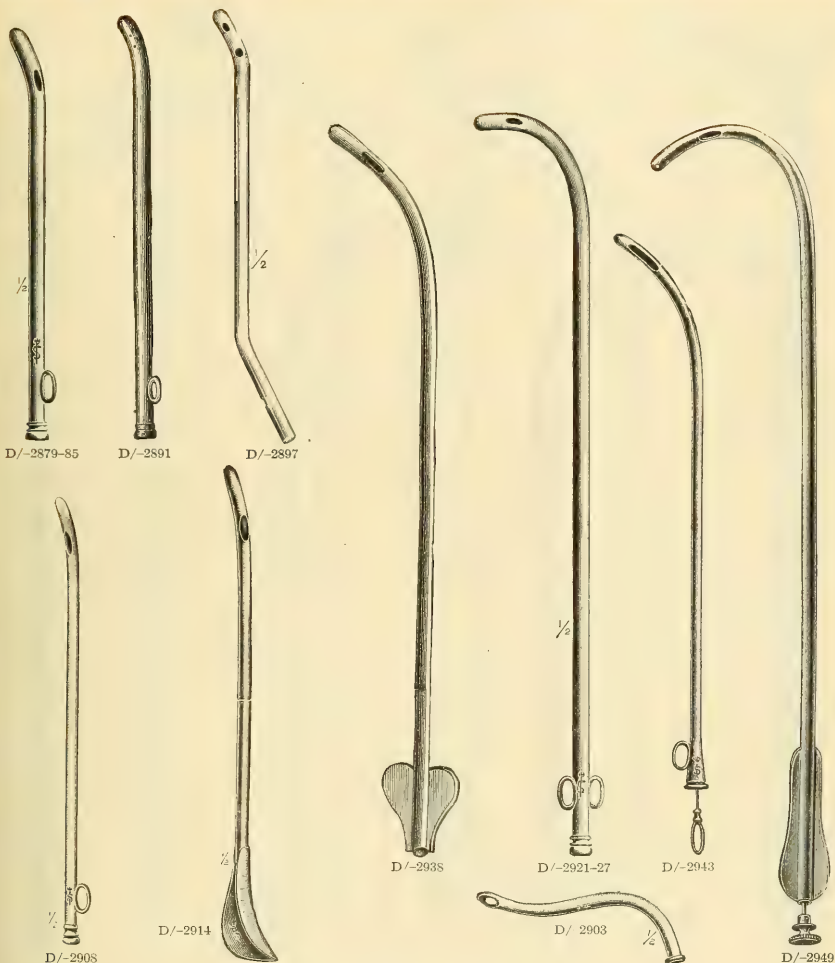
### Sounds in Sets

(Continued)

	Each
D/-2735 Otis-Fowler's Set of 8 Sounds, double ended, sizes No. 10 to 40 French scale, even sizes, in case	\$ 3.00
D/-2742 Van Buren's Set of 6 Steel Sounds, in case	4.50
D/-2744 Van Buren's Set of 12 Steel Sounds, in case	7.50

RK IS A





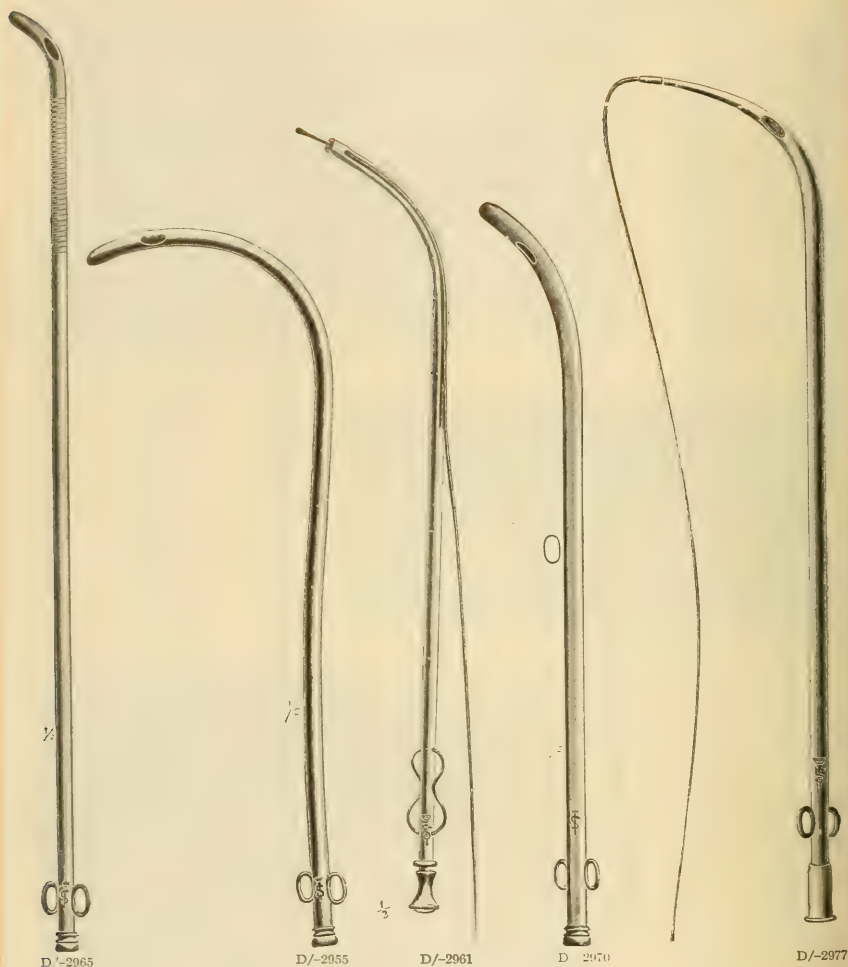
### Female Catheters

	Each		Each
D/-2879 Plain Female Catheter, silver, sizes No. 16 to 21 French scale.....	\$ .75	D/-2897 Plain Female Catheter, glass, sizes No. 16 to 19 French scale.....	.10
D/-2885 Plain Female Catheter, German silver, sizes No. 16 to 21 French scale.....	.35	D/-2903 Furniss' Female Catheter, self-retaining.....	.40
D/-2891 Plain Female Catheter, German silver, with sieve holes, sizes No. 16 to 19 French scale..	.50	D/-2908 Hueter's Female Catheter, oval form, flattened.	1.00
		D/-2914 Sims' Female Catheter, sigmoid.....	.50

### Male Catheters

	Each		Each
D/-2921 Plain Male Catheter, silver, sizes: No. 7 to 15 French scale.....	1.50	D/-2938 Plain Male Catheter, flexible tin, sizes Nos. 10 to 20 French scale.....	.75
No. 16 to 18 French scale.....	1.75	No. 21 to 30 French scale.....	1.00
No. 19 to 22 French scale.....	2.50	D/-2943 Agnew's Male Catheter, mucous.....	1.00
D/-2927 Plain Male Catheter, German silver, sizes No. 7 to 22 French scale.....	.60	D/-2949 Brodie's Male Catheter, prostatic, sizes No. 17 to 25 French scale.....	2.00

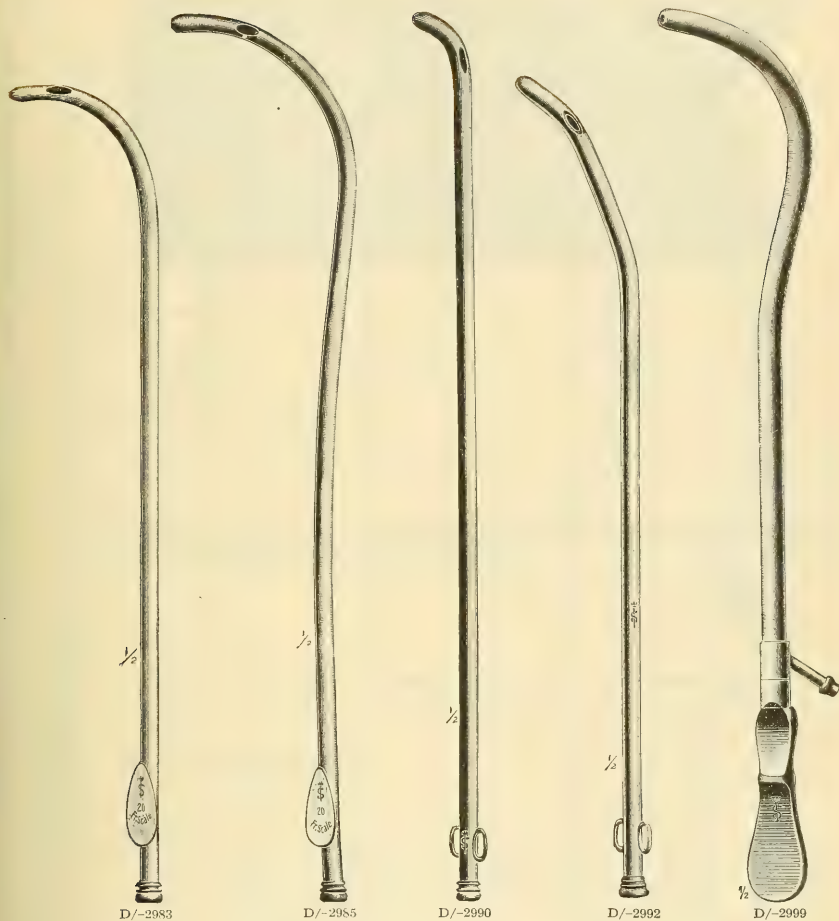
OF QUALITY



### Male Catheters

(Continued)

	Each
D/-2955 <b>Coxeter's</b> Male Catheter, prostatic, sizes No. 12 to 22 French scale.....	\$ .75
D/-2961 <b>Gouley's</b> Male Catheter, tunneled, for filiform guide, sizes No. 6 to 28 French scale.....	1.15
D/-2965 <b>Gross'</b> Male Catheter, spiral, sizes No. 15 to 21 French scale.....	1.00
D/-2970 <b>Hueter's</b> Male Catheter, oval form, flattened, sizes No. 12 to 20 French scale.....	1.50
D/-2977 <b>Le Fort's</b> Male Catheter, with filiform guide, sizes No. 8 to 28 French scale.....	2.50
D/-2978 Extra Filiform Guide, for above.....	1.25



### Male Catheters

(Continued)

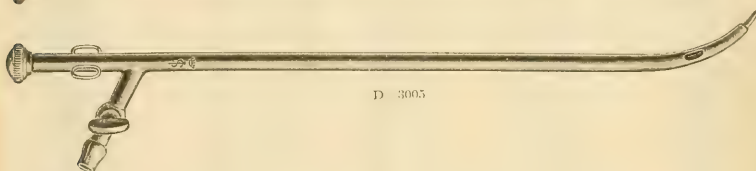
	Each
D/-2983 <b>McLean's</b> Male Catheter, sizes No. 9 to 21 French scale.....	\$ .60
D/-2985 <b>McLean's</b> Male Catheter, prostatic, sizes No. 9 to 21 French scale.....	.75
D/-2990 <b>Mercier's</b> Male Catheter, coudé, sizes No. 15 to 21 French scale.....	1.00
D/-2992 <b>Mercier's</b> Male Catheter, bicoudé, sizes No. 15 to 21 French scale.....	1.25
D/-2999 <b>Strauss's</b> Male Catheter and Sound combined, sizes No. 12 to 30 French scale.....	2.00



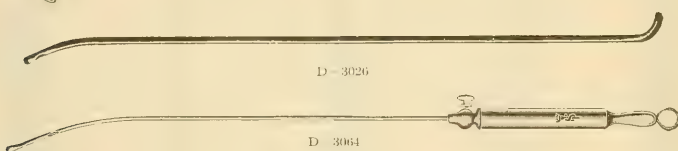
D/-3015



D-3005



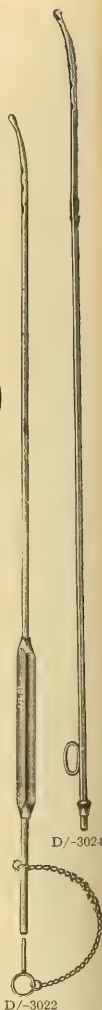
D-3026



D-3064



D/-3023



D/-3024

### Male Catheters

	Each
D/-3005 Voswinckel's Male Catheter, with stylet and filiform guide.....	\$ 6.00
*D/-3013 Set of 12 Male Catheters, plain, in leather case..	9.00
D/-3015 Set of 12 Male Catheters, with funnel ends and stopcock, in leather case.....	13.50

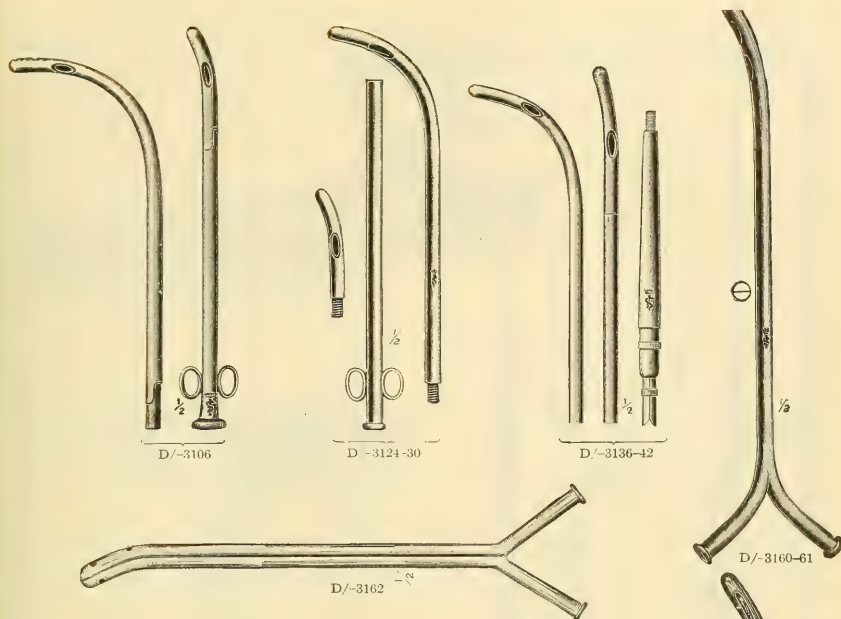
### Ureter Catheters

	Each
D/-3022 Kelly's Ureter Catheter, metal, with plug.....	\$ 1.50
D/-3024 Kelly's Ureter Catheter, metal, without plug.....	1.00
D/-3026 Kelly's Ureter Catheter, silver, long, straight or curved tip.....	1.00
D/-3028 Kelly's Ureter Catheter, metal, short, with rubber tube.....	1.20
D/-3064 Simon's Ureter Catheter, metal.....	1.50

For Elastic Web Ureter Catheters see page 4066







### Combined Catheters

	Each
D/-3106 Male and Female Catheters, combined, with French joint..	\$ 2.00
D/-3124 Male and Female Catheters, combined, screw joint, German silver.....	3.00
D/-3130 Male and Female Catheters, combined, screw joint, German silver.....	.75
D/-3136 <b>Parker's</b> Male and Female Catheters, combined, with caustic holder, silver.....	4.50
D/-3142 <b>Parker's</b> Male and Female Catheters, combined, with caustic holder, German silver.....	1.00

### Female Double Current Catheters

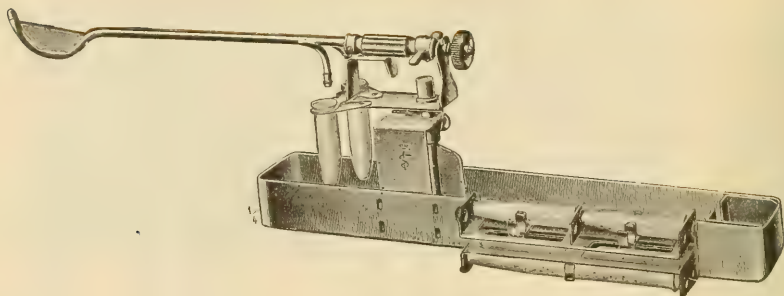
D/-3160 Plain Female Double Current Catheter, with divided channel, German silver.....	1.50
D/-3161 Plain Female Double Current Catheter, with divided channel, silver.....	3.50
D/-3162 Plain Female Double Current Catheter, glass.....	.60
D/-3164 <b>Dickinson's</b> Female Double Current Catheter, glass....	.60
D/-3166 <b>Nott's</b> Female Double Current Catheter, German silver...	1.00
D/-3167 <b>Nott's</b> Female Double Current Catheter, silver.....	3.50



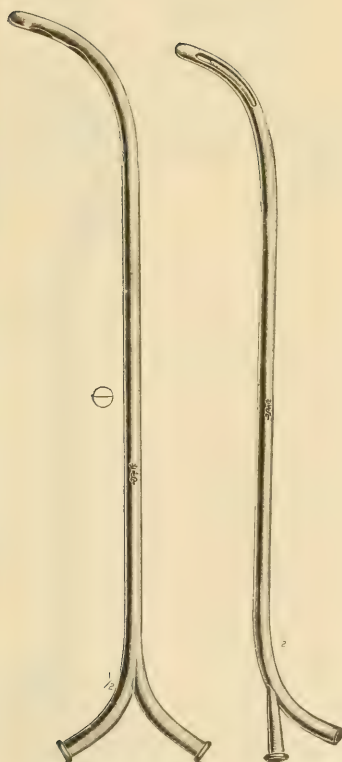
D/-3164



D/-3166-67

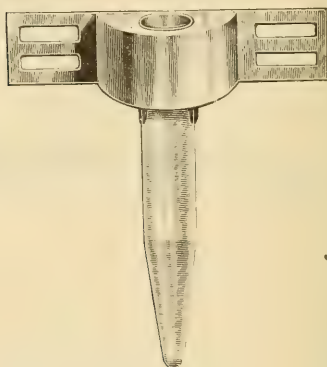


D -3210



D/-3178-79

D/-3184-85



D/-3215

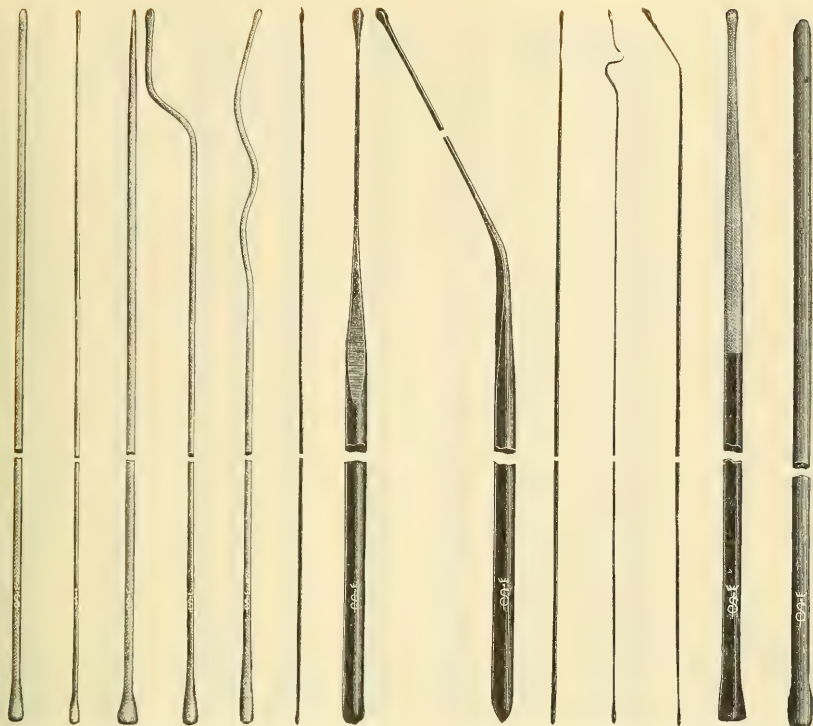
### Male Double Current Catheters

	Each
D/-3178 Plain Male Double Current Catheter, with divided channel, German silver.....	\$ 1.50
D/-3179 Plain Male Double Current Catheter, with divided channel, silver.....	3.75
D/-3184 <b>Nott's</b> Male Double Current Catheter, German silver.....	1.00
D/-3185 <b>Nott's</b> Male Double Current Catheter, silver..	3.75

### Urine Segregators

D/-3210 <b>Luys'</b> Urine Segregator, complete with 6 glass tubes, in metal case.....	40.00
D/-3215 <b>Peterkin's</b> Urine Test Tube Holder.....	2.00

The tube holder can be attached to patient's limb, and the end of ureter catheter placed into the test tube, thereby collecting the urine from the kidneys; frequent observations can be made without disturbing patient.



D/-3274 D/-3280 D/-3286 D/-3292 D/-3294 D/-3298 D/-3305

D/-3306 D/-3312 D/-3314 D/-3317 D/-3340 D/-3346

D/-3323

### Elastic Web Filiform Bougies

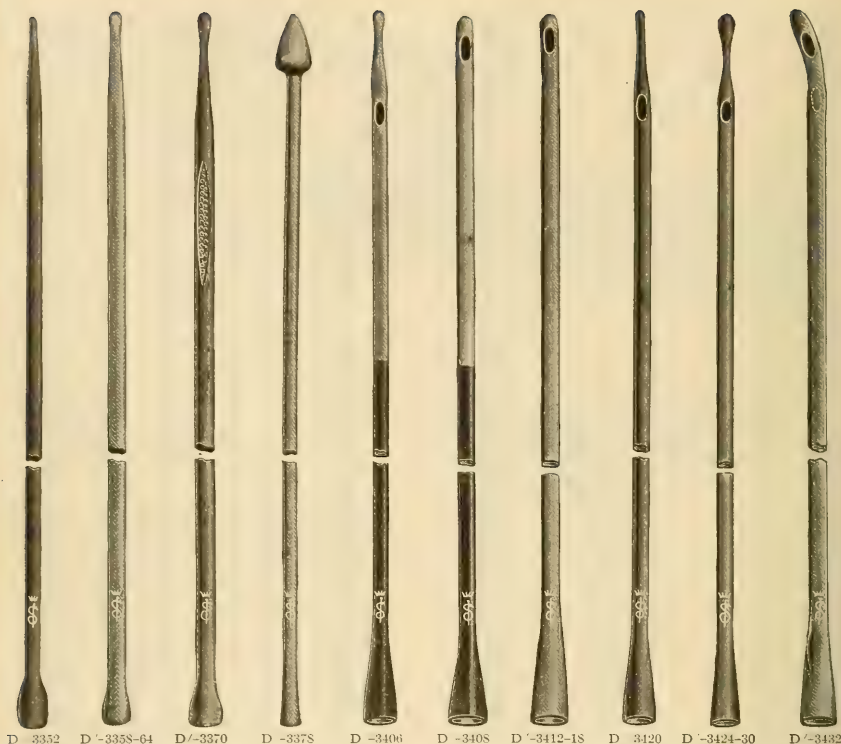
	Each
D/-3274 Filiform Bougie, silk web, cylindrical point, sizes No. 1 to 6 French scale.....	\$ .60
D/-3280 Filiform Bougie, silk web, olivary point, sizes No. 1 to 6 French scale.....	.60
D/-3286 Filiform Bougie, silk web, conical point, sizes No. 1 to 6 French scale.....	.60
D/-3292 Guyon's Filiform Bougie, silk web, bayonet end, sizes No. 3 to 6 French scale.....	.65
D/-3294 Guyon's Filiform Bougie, silk web, spiral end, sizes No. 3 to 6 French scale.....	.65

### Whalebone Filiform Bougies

D/-3298 Filiform Bougie, whalebone, double olivary ended.....	.25
D/-3305 Bangs' Filiform Bougie, whalebone, straight.....	1.00
D/-3306 Bangs' Filiform Bougie, whalebone, angular.....	1.25
D/-3312 Gouley's Filiform Bougie, whalebone, olivary end.....	.20
D/-3314 Gouley's Filiform Bougie, whalebone, spiral end.....	.20
D/-3317 Gouley's Filiform Bougie, whalebone, elbow end.....	.20
D/-3323 Otis' Filiform Bougie, whalebone, double olivary ended, 24 inches.....	.50

### Elastic Web Bougies

D/-3340 Bougie, silk web, olivary end, rigid shaft and flexible end, sizes No. 8 to 30 French scale.....	.75
D/-3346 Bougie, silk and cotton web, cylindrical end, sizes No. 8 to 30 French scale.....	.40



### Elastic Web Bougies

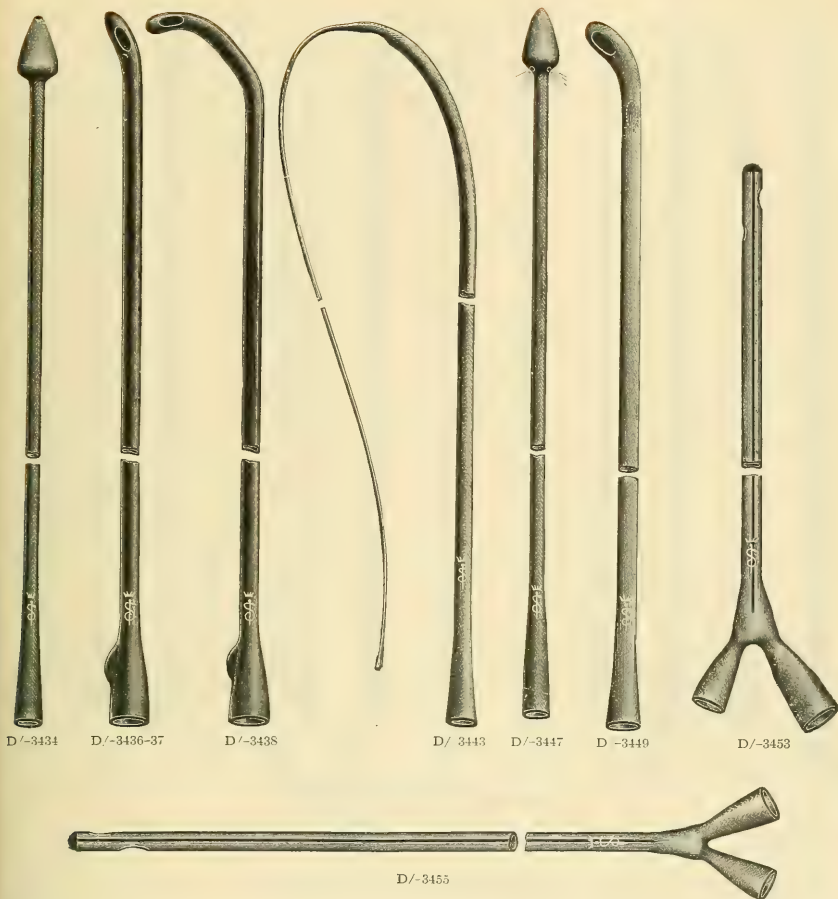
(Continued)

	Each
D/-3352 Bougie, silk and cotton web, conical end, sizes No. 8 to 30 French scale.....	\$ .60
D/-3358 Bougie, silk and cotton web, olivary end, sizes No. 8 to 30 French scale.....	.60
D/-3364 Bougie, silk web, olivary end, sizes No. 8 to 30 French scale.....	.90
D/-3370 Bougie, silk and cotton web, olivary end, weighted with shot, sizes No. 8 to 30 French scale..	.80
D/-3378 <b>Guyon's</b> Bougie à boule, silk web, sizes No. 8 to 30 French scale.....	.75

### Elastic Web Catheters

D/-3406 Catheter, silk web, olivary end, rigid shaft and flexible end, sizes No. 8 to 30 French scale....	.90
D/-3408 Catheter, silk web, cylindrical end, rigid shaft and flexible end, sizes No. 8 to 30 French scale....	.65
D/-3412 Catheter, silk and cotton web, cylindrical end, sizes No. 8 to 30 French scale.....	.50
D/-3418 Catheter, silk web, cylindrical end, sizes No. 8 to 30 French scale.....	.90
D/-3420 Catheter, silk and cotton web, conical end, sizes No. 8 to 30 French scale.....	.65
D/-3424 Catheter, silk and cotton web, olivary end, sizes No. 8 to 30 French scale.....	.75
D/-3430 Catheter, silk web, olivary end, sizes No. 8 to 30 French scale.....	1.00
D/-3432 <b>Bartrina's</b> Catheter, silk web, coudé, vertical flat, sizes No. 12 to 24 French scale.....	1.50

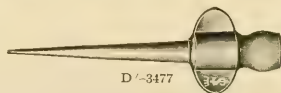
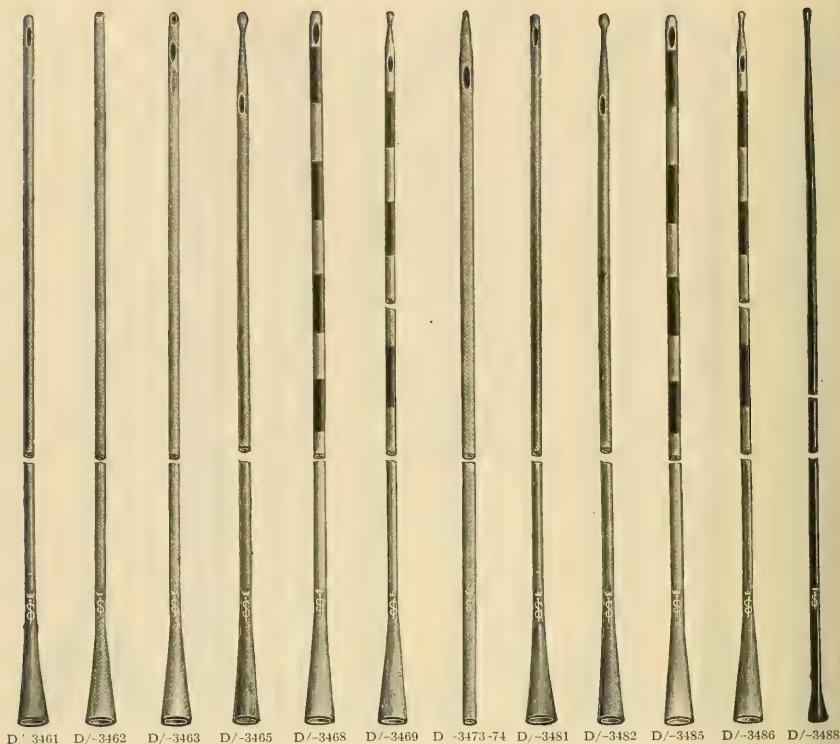




### Elastic Web Catheters

(Continued)

	Each
D/-3434 <b>Guyon's</b> Catheter, silk web, exploring, bulbous, sizes No. 8 to 30 French scale.....	\$ .65
D/-3436 <b>Mercier's</b> Catheter, silk and cotton web, coudé, sizes No. 8 to 30 French scale.....	.75
D/-3437 <b>Mercier's</b> Catheter, silk web, coudé, sizes No. 8 to 30 French scale.....	1.00
D/-3438 <b>Mercier's</b> Catheter, silk and cotton web, bicoudé, sizes No. 8 to 30 French scale.....	.90
D/-3443 <b>Phillips' Catheter</b> , silk web, combined with filiform bougie, sizes No. 8 to 26 French scale....	1.50
D/-3447 <b>Thévens' Catheter</b> , silk web, retrojecting, sizes No. 8 to 30 French scale.....	.75
D/-3449 <b>Wishard's Catheter</b> , silk web, coudé, horizontal flat, sizes No. 12 to 24 French scale.....	1.50
D/-3453 Double Current Female Catheter, cotton web, sizes No. 16, 18, 20 and 22 French scale.....	1.40
D/-3455 Double Current Male Catheter, cotton web, sizes No. 16, 18, 20, 22, 24 and 26 French scale...	1.65

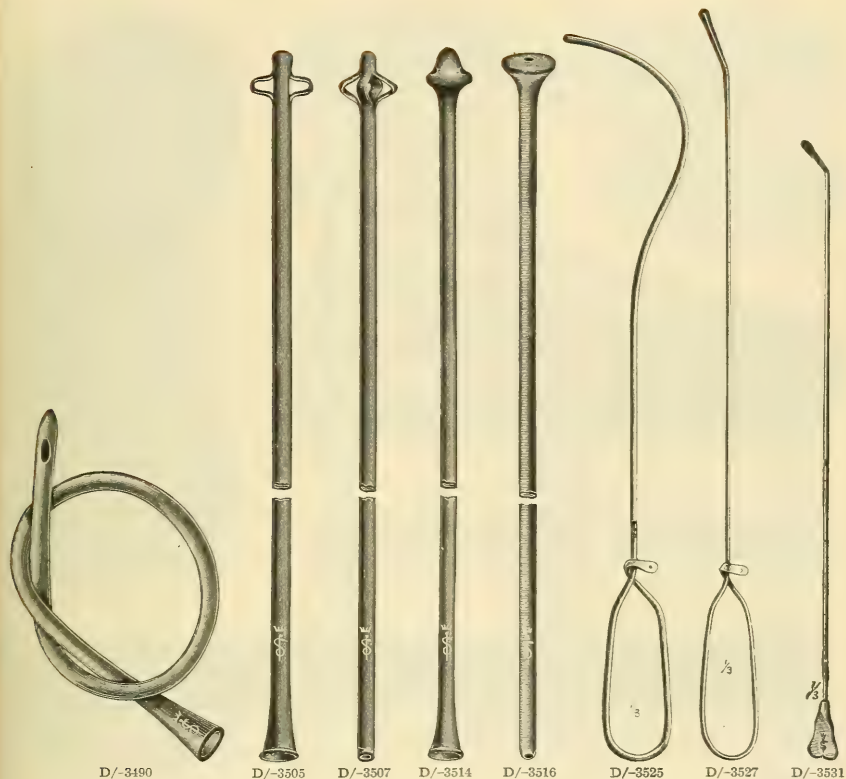


### Elastic Web Ureter Catheters

		Each
D/-3461	Ureter Catheter, silk web, cylindrical end, sizes No. 4 to 7 French scale.....	\$ 1.75
D/-3462	Ureter Catheter, silk web, cylindrical open end, sizes No. 4 to 7 French scale.....	1.75
D/-3463	Ureter Catheter, silk web, cylindrical oblique open end, sizes No. 4 to 7 French scale.....	1.75
D/-3465	Ureter Catheter, silk web, olivary end, sizes No. 4 to 7 French scale.....	1.75
D/-3468	Ureter Catheter, Zebra style, silk web, cylindrical end, sizes No. 4 to 7 French scale.....	1.75
D/-3469	Ureter Catheter, Zebra style, silk web, olivary end, sizes No. 4 to 7 French scale.....	1.75
D/-3473	Kelly's Ureter Catheter, silk web, conical end, 14 inches, sizes No. 5 to 8 French scale.....	1.50
D/-3474	Kelly's Ureter Catheter, silk web, conical end, 19 1/2 inches, sizes No. 5 to 8 French scale.....	1.75
D/-3477	Harris' Coupler, for connecting ureter catheters with Ehrlich-Hata's Record Syringe.....	1.50

### X Ray Catheters and Bougies

D/-3481	X Ray Catheter, silk web, cylindrical end, sizes No. 6 and 7 French scale.....	2.00
D/-3482	X Ray Catheter, silk web, olivary end, sizes No. 6 and 7 French scale.....	2.00
D/-3485	X Ray Catheter, silk web, Zebra style, cylindrical end, sizes No. 6 and 7 French scale.....	2.00
D/-3486	X Ray Catheter, silk web, Zebra style, olivary end, sizes No. 6 and 7 French scale.....	2.00
D/-3488	X Ray Bougie, silk web, sizes No. 6 and 7 French scale.....	2.00



### Soft Rubber Catheters

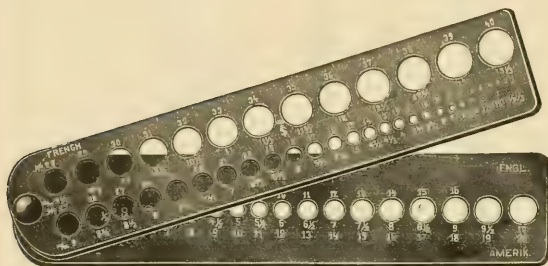
	Each
D/-3490 Plain Soft Rubber Catheter, fine imported grade, funnel end, and solid aseptic eye, 14 inches, sizes No. 5 to 30 French scale.....	\$ .30
D/-3505 Malecot's Soft Rubber Catheter, self-retaining, with 2 wings, sizes No. 8 to 24 French scale..	.90
D/-3507 Malecot's Soft Rubber Catheter, self-retaining, with 4 wings, sizes No. 8 to 26 French scale..	1.35
D/-3514 Pezzer's Soft Rubber Catheter, self-retaining, with raised top and 2 openings, sizes No. 8 to 26 French scale.....	.90
D/-3516 Pezzer's Soft Rubber Catheter, self-retaining, with mushroom top and central opening, sizes No. 8 to 26 French scale.....	.90

### Catheter Stylets

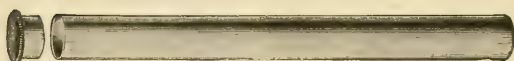
D/-3525 Plain Stylet, with Guyon's curve.....	.50
D/-3527 Plain Stylet, with Mercier's curve.....	.50
D/-3531 Guyon's Stylet.....	.75



D/-3552



D/-3540-42



D/-3595-97



D/-3590



D/-3586



D/-3560

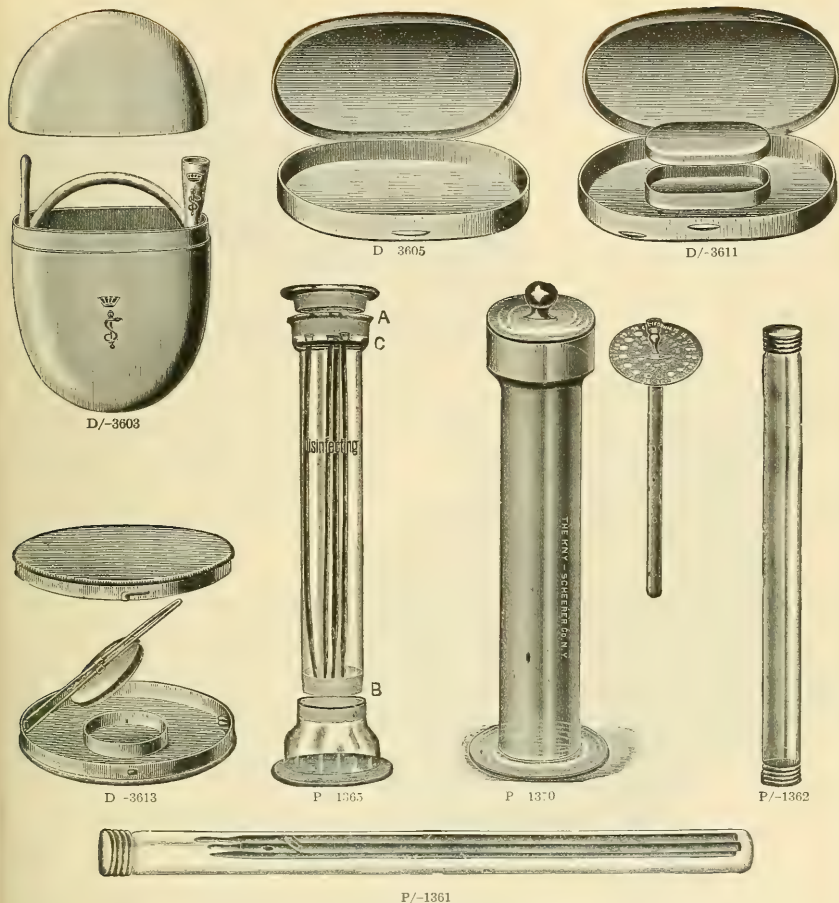
### Sundry Accessories

	Each
D -3540 Catheter Gauge, metal, with American and English scales.....	\$ 1.25
D/-3541 Catheter Gauge, metal, with French scale.....	1.25
D/-3542 Catheter Gauge, metal, with American, English and French scales.....	2.25
D/-3552 Catheter Holder, soft rubber.....	.35
D/-3560 "Asta" Lubricine, sterilized lubricant, not irritating or greasy.....	.25

### Catheter Boxes

D -3586 Catheter Box, papier maché, cylindrical.....	.75
D/-3590 Catheter Box, papier maché, oval form, can be carried in pocket.....	1.00
D/-3595 Catheter Box, metal, cylindrical, for 6 catheters.....	1.25
D/-3597 Catheter Box, metal, cylindrical, for 12 catheters.....	1.50





### Catheter Boxes

(Continued)

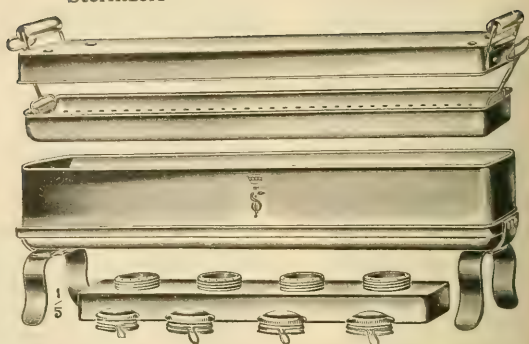
	Each	Each
D/-3603 Catheter Box, metal, oval.....		\$ 1.25
D/-3605 Catheter Box, metal, oval, hinged cover.....	\$ .35	1.60
D/-3611 Catheter Box, metal, oval, hinged cover and ointment compartment.....		1.25
D/-3613 Catheter Box, metal, round, with ointment compartment.....		1.00

### Catheter Disinfecting Cylinders

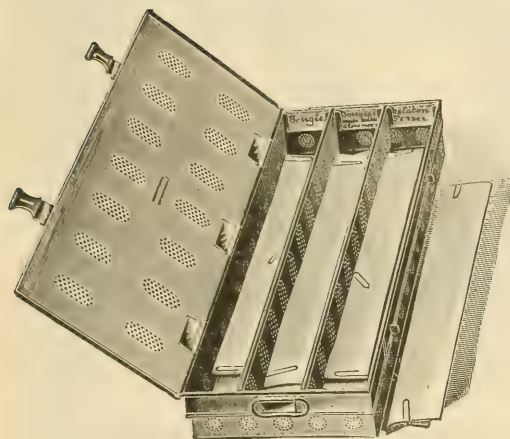
	Each	Each
P/-1361 Catheter Cylinder, glass, 16 inches long, with nickel-plated screw cap.....	\$ .35	
P/-1362 Catheter Cylinder, glass, 16 inches long, with nickel-plated screw caps on both ends.....	.45	
P/-1365 Catheter Cylinder, glass, for disinfecting and desiccating catheters of all kinds by the formaldehyde process. The catheters are suspended from a perforated metal plate. Formaldehyde for disinfection and calcium chloride for dehydration are placed in the lower chamber.....	3.75	
P/-1370 Catheter Cylinder, glass, for disinfection of catheters by the formaldehyde process, with ground-in glass stopper and perforated metal plate for catheters and special tube for filiform guides.....		\$ 3.50
*P/-1372 Cystoscope Cylinder, glass, for disinfection of cystoscopes by the formaldehyde process. The cylinder is similar to P/-1370, but has a special nickel-plated hanger capable of supporting one or two cystoscopes.....		3.50

# Sterilizers

- P/-1375 Sterilizer for Urological Instruments**, seamless, 17 $\frac{3}{4}$  inches long x 3 $\frac{1}{2}$  inches wide x 7 $\frac{3}{4}$  inches deep, detachable legs, perforated tray and alcohol burner..... \$ 12.00



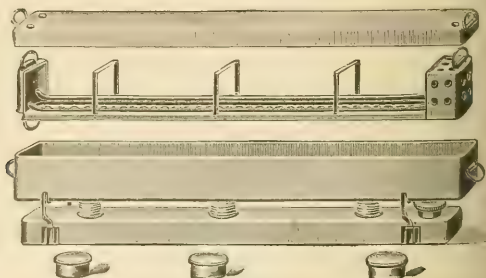
P/-1375



P/-1376

- P/-1376 Freudenberg's Sterilizing Container**, for Elastic Catheters and Bougies, 15 $\frac{1}{2}$  inches long x 9 $\frac{1}{4}$  inches wide x 2 $\frac{1}{2}$  inches deep, with 3 compartments. The catheters and bougies are wrapped in filter paper and secured by means of ordinary letter clips, which keep them sterile indefinitely. After sterilization the catheters and bougies may remain in the container which is fitted with sliding shutters. This container can be used in any larger sterilizer..... \$15.00

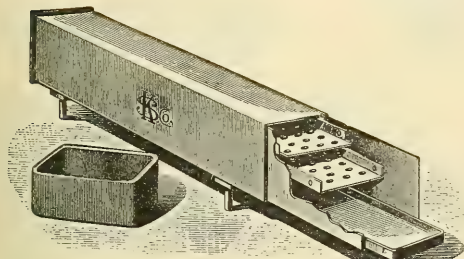
- P/-1377 Gaillard's Sterilizer** for Elastic Catheters and Bougies, 16 inches long x 1 $\frac{3}{4}$  inches wide x 1 $\frac{3}{4}$  inches deep, detachable legs and alcohol lamp..... \$ 8.50



P/-1377

# Sterilizers

(Continued)



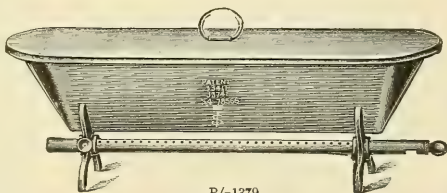
P/-1378

P/-1378 **Janet's Sterilizer**, for disinfection and dessication of catheters and bougies, rectangular form, nickel-plated, 16 inches long x 3 inches wide x 3 inches deep. In the bottom is a tray for formaldehyde tablets and calcium chloride..... **\$ 8.50**

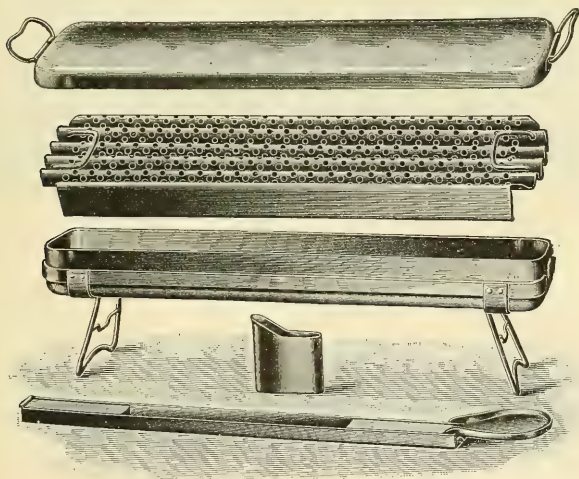
Each

P/-1379 **"One Minute" Catheter and Instrument Sterilizer**, metal, nickel-plated, complete with gas burner. Owing to the peculiar construction of this sterilizer, the water can be brought to the boiling point more rapidly than in any other apparatus..... **\$ 21.00**

Each



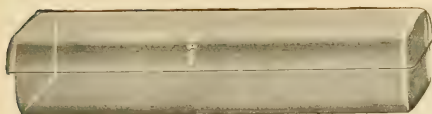
P/-1379



P/-1380

P/-1380 **Ruesch's Sterilizer for Elastic Catheters and Bougies**, 17 inches long x 4 inches wide x 1½ inches deep, complete with alcohol burner. The catheters, etc., are placed upon the perforated tray. The burner is suspended from the folding legs. The accompanying measure enables the operator to use the proper amount of water and alcohol to properly sterilize. Fill sterilizer with 4 measurefuls of water and burner with 1 measureful of alcohol..... **\$ 9.50**

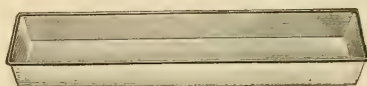
Each



P/-1000



P/-1011



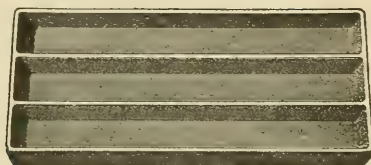
P/-2037



P/-2038



P/-2040



P/-2409

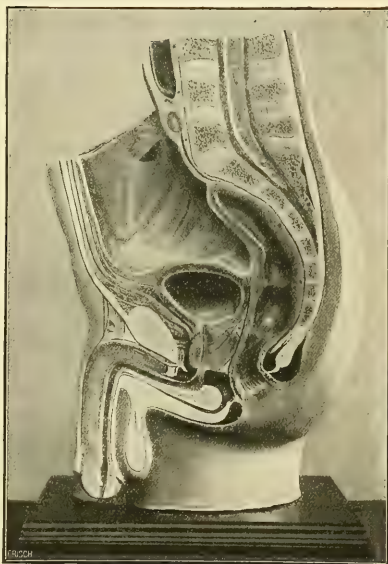
### Instrument Trays

		Each
P/-1000	Glass Tray, straight walls, with glass cover, 15 x 5 x 4 inches . . . . .	\$ 4.00
P/-1011	Glass Tray, slanting walls, 13½ x 3¼ x 2½ inches . . . . .	1.25
	13½ x 5¼ x 2½ inches . . . . .	1.90
	14 x 4½ x 2½ inches . . . . .	1.50
	15¼ x 5¼ x 4 inches . . . . .	2.00
P/-2037	Enameled Tray, slanting walls, 12 x 3¼ x 1½ inches . . . . .	.65
	17 x 4 x 1½ inches . . . . .	.90
P/-2038	Enameled Tray, straight walls, 16 x 2¾ x 1⅝ inches . . . . .	.75
	16 x 3¼ x 2⅝ inches . . . . .	.90
P/-2040	Enameled Tray, straight walls, with cover, 16 x 2¾ x 1⅝ inches . . . . .	1.25
	16 x 3¼ x 2⅝ inches . . . . .	1.50
P/-2409	Porcelain Tray, with 3 compartments, for catheters and bougies, size 17 x 7 x 2½ inches . . .	2.50





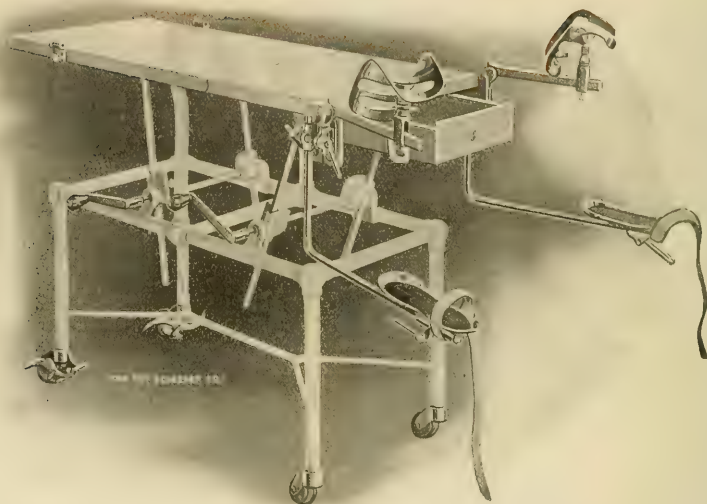
NS/-2494



NS/-2496

### Models

- |   |           |
|---|-----------|
|   | Each      |
| NS/-2494 Male pelvis from nature, prepared under supervision of Dr. Broesicke at the Anatomical Institute of Berlin. Model is dissectible, showing all details of urinary apparatus, generative organs (urethra, bladder, prostate, also pelvic muscles, ureters, kidneys and their vessels and nerves.) On support ..... | \$ 125.00 |
| NS/-2496 Vertical section of a male pelvis, natural size, after nature, showing all details. ....   | 25.00     |



S/-1170

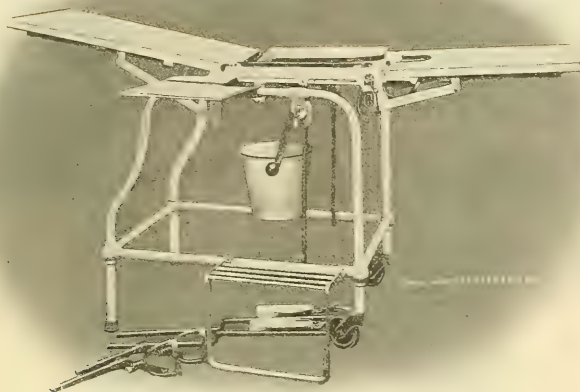
### Cystoscopic Examination and General Operating Table

(Design of DR. B. A. THOMAS, Philadelphia)

This table has a tubular metal frame, the top being of nicalloy in three sections, which can be adjusted to various positions. The foot end is detachable, and there is a drainage drawer than can be extended, also a pair of knee crutches with adjustable sockets, and foot stirrups.

The table frame is white enameled, mounted on 4-inch wheels, two of which have foot-brakes.

	Each
S/-1170 Cystoscopic Examination and General Operating Table.....	\$ 225.00
Packing.....	2.00



S/-1172



S/-1287

### Cystoscopic Examination and General Operating Table

Dr. J. R. Hayden's modification of Dr. John Van der Poel's pattern. Meets all the requirements of the specialist and general practitioner. Frame and top of steel, all white enameled excepting center section, which is of plate glass  $\frac{5}{8}$  inch thick. Top is raised or lowered by rack and pinion arrangement of milled tooled-steel, with crank handle. Perfect drainage facilities afforded by large "U" cut-out, and sliding drainage pan. Foot end easily detachable. Table is furnished with lithotomy staffs, heel stirrups, step, and side table for instruments, and is mounted on two 4-inch rubber tired wheels and two heavy rubber floor tips.

Dimensions of Top: 72 inches long, 22 inches wide, 34 inches high.

	Each
S/-1172 Cystoscopic Examination and General Operating Table.....	\$ 90.00
Packing.....	2.00
S/-1287 Bierhoff's Knee Crutches, with swivel joint, permitting universal adjustment, nickel-plated, pair..	15.00



S/-1715

### Cabinet for the Disinfection of Genito-Urinary Instruments and Catheters

Designed by Dr. F. Tilden Brown for the Presbyterian Hospital of New York. It has two upper and one lower compartments. Each upper compartment is 22 inches high, and is for disinfection of its contents by formaldehyde gas. One has a plate glass shelf with a nickel-plated rack for cystoscopes; the other has a deeply recessed plate glass shelf with polished edges and a nickel-plated standard for the suspension of catheters.

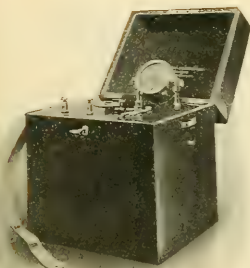
The lower cabinet has four plate glass shelves.

The cabinet is steel, white enameled, mounted on concealed rubber-tired casters and has Yale locks, Pasquill bolts, and nickel-plated fittings.

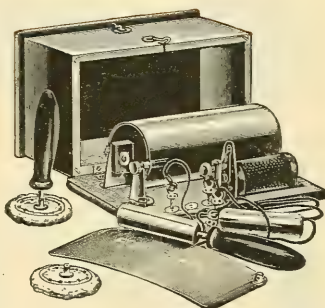
Dimensions: 40 inches wide, 18 inches deep, 72 inches high.

S/-1715	Cabinet for the Disinfection of Genito-urinary Instruments and Catheters.....	Each \$ 240.00
	Packing.....	4.00

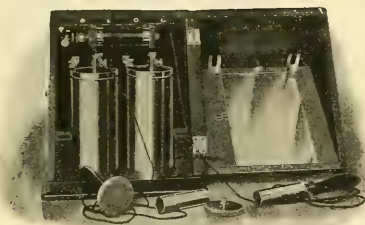




G/-801-21



G/-851



G/-859

### Batteries for Electrolysis and Cataphoresis

	Each
G/-801 Galvanic Battery, No. 1, 12 cells with M. A. meter reading to 10 M.....	\$ 30.00
G/-805 Galvanic Battery, No. 2, 12 cells without M. A. meter.....	20.00
G/-809 Galvanic Battery, No. 3, 18 cells, with M. A. meter.....	32.00
G/-813 Galvanic Battery, No. 4, 18 cells, without M. A. meter.....	22.00
G/-817 Galvanic Battery, No. 5, 24 cells, with M. A. meter.....	34.00
G/-821 Galvanic Battery, No. 6, 24 cells, without M. A. meter.....	24.00
*G/-825 Renewal Dry Cells for galvanic batteries are mounted in sets of 6.....	2.10

This is a handy transportable battery made up of standard dry cells mounted into a handsome polished mahogany cabinet with drawer for accessories, and a carrying strap.

Onto the switchboard is mounted a graduated resistance for the control of the current, an accurate Milliampère meter with a large calibrated scale, pole changing switch and connecting post.

The price of each battery includes a set of conducting cords, handles, sponges, epilating needle holder and one-half dozen epilating needles.

### Faradic Batteries

G/-851	<b>The Kny-Scheerer Co.'s No. I, Single Cell Faradic Battery.</b> This is a very efficient little battery. Its carrying case is constructed in two parts; the upper holding the electrodes—foot plate, two metal shell electrodes, two sponge discs, two wooden handles, and two conducting cords; the lower has the faradic coil and the dry cell.....	6.00
*G/-855	Dry Renewal element.....	.50
G/-859	<b>The Kny-Scheerer Co.'s No. II, Double Cell Faradic Battery.</b> Is much stronger than No. I. It has two standard dry cells, a Faradic coil of higher tension than the preceding battery. The case is polished hardwood. The accessories supplied are: a large foot plate, two metal shell electrodes, two sponge covered discs, two wooden handles, and two silk conducting cords.....	10.00
*G/-863	Renewal Dry element.....	.50



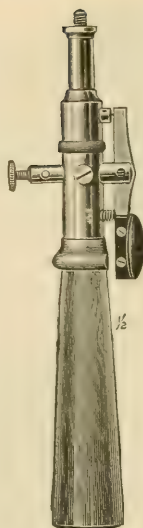
G/-1138



G/-1139



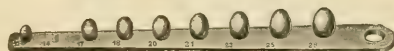
G -1143



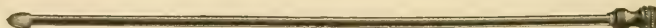
G/-1144



G/-1166



G/-1171-72



G -1173



G/-1167

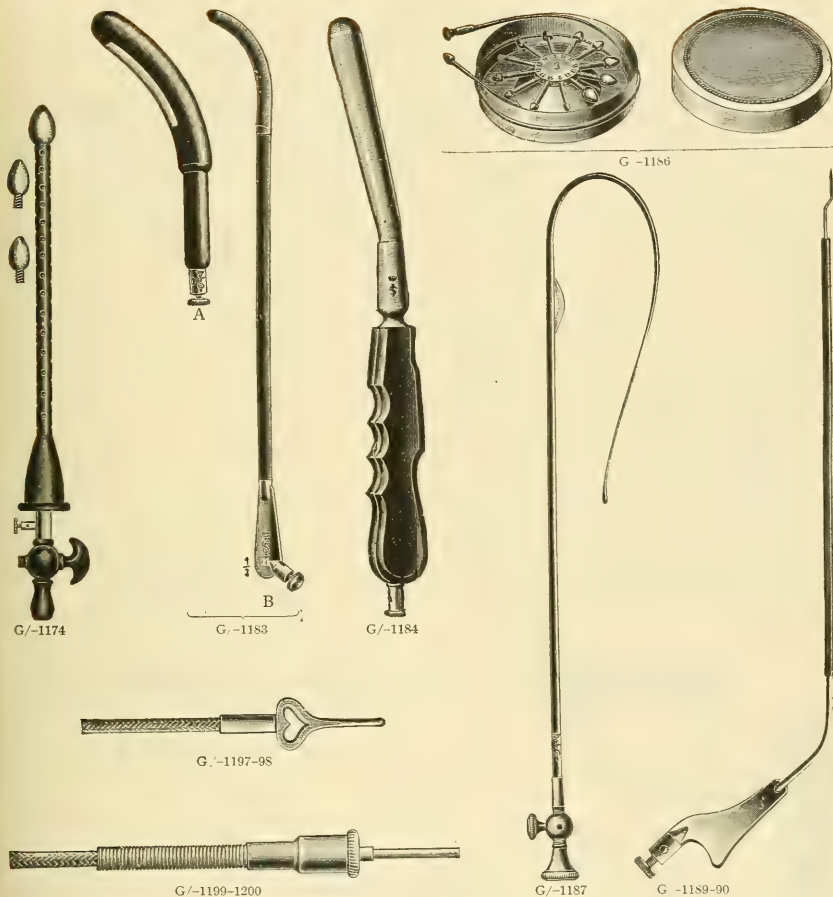
G/-1168



G/-1170

### Galvanic and Faradic Electrodes

	Each
G/-1138 Electrode Handle, plain, per pair .....	\$ .30
G/-1139 Electrode Handle, plain, with interrupter .....	.60
G/-1143 Electrode Handle, fine .....	.40
G/-1144 Electrode Handle, fine, with interrupter .....	1.80
G/-1166 <b>Neiswanger's</b> Prostatic Douche Electrode .....	2.50
G/-1167 Urethral Electrode, straight, sizes No. 12 to 30 French scale .....	.50
G/-1168 Urethral Electrode, curved, sizes No. 12 to 30 French scale .....	.60
G -1170 <b>Neiswanger's</b> Cataphoric Urethral Electrode, perforated .....	1.75
G/-1171 Set of 9 Olive Tips, nickel-plated .....	1.50
G/-1172 Set of 6 Olive Tips, copper .....	1.50
G/-1173 Straight Stem, for above .....	.50



## Galvanic and Faradic Electrodes

(Continued)

	Each
G/-1174 Kollmann's Electrode, for electrolysis of the mucous membrane of the urethra.....	\$ 7.50
G/-1183 Dommer's Prostatic Electrodes, set of 2.....	6.50
G/-1184 Pezzoli's Prostatic Massage Electrode.....	5.00
G/-1186 Collin's Urethral Stricture Electrode, with flexible bougie and 12 olives, sizes No. 9 to 20 French scale, in metal case.....	6.50
G/-1187 Le Fort's Electrolytic Bougie, with filiform guide.....	6.50
*G/-1188 Extra Filiform Guide.....	1.25
G/-1189 Kollmann's Stricture Electrode, for use through endoscope, sharp pointed.....	3.00
G/-1190 Kollmann's Stricture Electrode, for use through endoscope, blunt pointed.....	3.00
G/-1197 Conducting Cord, plain, 4 feet long.....	.50
G/-1198 Conducting Cord, plain, 8 feet long.....	.75
G/-1199 Conducting Cord, extra fine quality, with reinforced tips, 4 feet long.....	.75
G/-1200 Conducting Cord, extra fine quality, with reinforced tips, 8 feet long.....	1.00

### The Universal Illuminated Instruments

During the past few years, electrically illuminated instruments of many different constructions have been offered to the Medical Profession.

Some have been very satisfactory but many—in fact the majority—do not give the desired results. In the faulty instruments, usually the means of illumination is incorrect. You recall that frequently the light is inserted through the instrument to the distal end. Sometimes this form of construction obstructs part of the field under examination; at others it is uncomfortable to the patient because of the heat generated; then, again, it frequently interferes with the making of applications.

It has happened that the tuft of medicated cotton became dislodged by coming in contact with the distally placed lamp and has proved difficult to recover. Then, too, with this type a separate light carrier is required for each length of instrument and as the lamps must be very small, there is a relatively high expense for their constant renewal.

In the "Ideal" illuminated instruments, these objections are entirely overcome. In the first place only one illuminator is required for all the instruments irrespective of their length or use; so an extra lamp or two will assure you of being able to complete any examination. Then there is no time lost in selecting the proper light carrier, for the "Ideal" illuminator eliminates all light carriers.

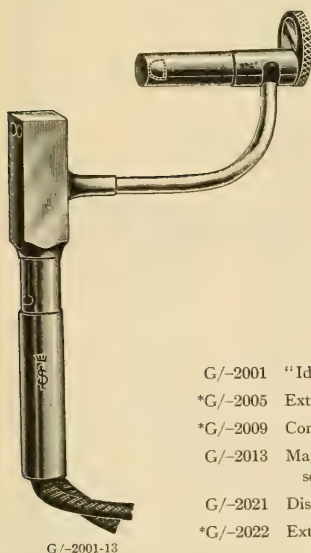
Sterilization is simplified and absolute, for the illuminating element is removed from the instrument before placing it in the instrument sterilizer.

Since the lamp is outside the body, no heat radiation affects the tissues; and as it is comparatively large, the lamp does not break as readily as a smaller size.

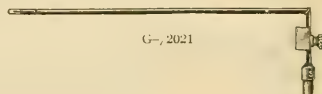
The field of vision is the maximum permitted by the instrument and, since the value of the illumination depends upon reflected light, all the rays are brought into action.

In the "Ideal" illuminator, all our knowledge and skill is concentrated to make it thoroughly efficient.

As many prefer Distal illumination, any instruments can be used with light carrier G/-2021 as well as the "Ideal" illuminator, so to the Medical Profession we offer the "Universal" illuminated instruments.



G/-2001-13

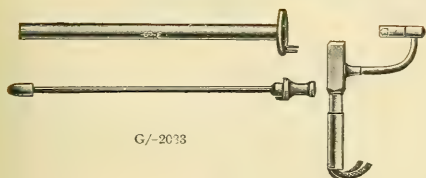


G/-2021

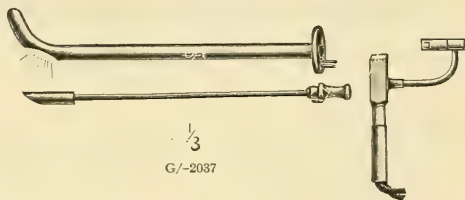
### Illuminated Instruments

	Each
G/-2001 "Ideal" Illuminator, with lamp, but without cord or lens.....	\$ 4.00
*G/-2005 Extra Lamps, for above.....	1.00
*G/-2009 Conducting Cord, 6 feet, for above.....	1.50
G/-2013 Magnifying Lens, to use in connection with Urethroscopic or Rectoscopic tubes, can readily be moved out of the field of vision.....	.75
G/-2021 Distal Illuminator, with lamp.....	4.00
*G/-2022 Extra Lamps, for above.....	.75

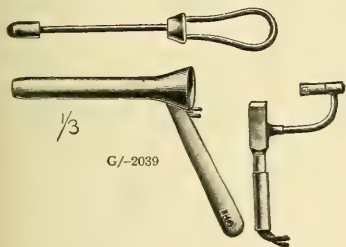




G/-2033



G/-2037

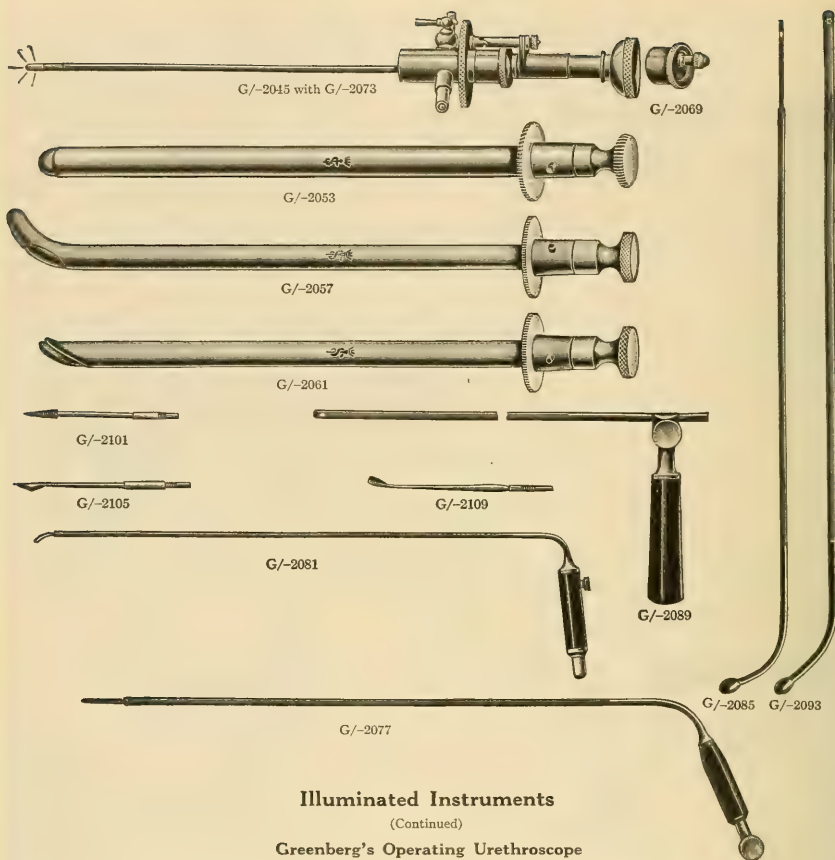


G/-2039

### Illuminated Instruments

(Continued)

	Each
G/-2033 Plain Urethroscope, with obturator, 5 sizes, No. 18, 20, 22, 24 and 26 French scale .....	\$ 1.80
"Ideal" Illuminator, for above .....	4.00
Distal Illuminator, for above .....	4.00
G/-2037 Posterior Urethroscope, with obturator No. 22 French scale .....	5.00
"Ideal" Illuminator, for above .....	4.00
Distal Illuminator, for above .....	4.00
G/-2039 Kelly's Endoscope, with obturator, 3 sizes, No. 28, 30 and 36 French scale .....	2.50
"Ideal" Illuminator, for above .....	4.00
Distal Illuminator, for above .....	4.00



## Illuminated Instruments

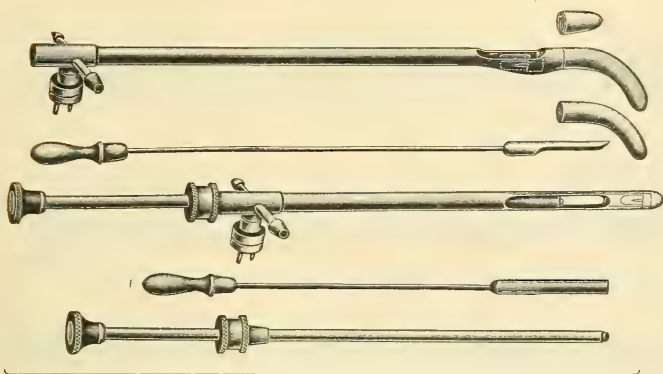
(Continued)

### Greenberg's Operating Urethroscope

The main part of this instrument consists of a light carrier with holder for the urethroscopes and operative attachments, and two stopcocks for air dilatation.

	Each
*G/-2041 Instrument with one Interior Illuminator.....	\$15.00
G/-2045 Instrument with one Distal Illuminator.....	15.00
The urethroscopes and instruments to use in connection with this are the following:	
G/-2053 One straight urethroscope, No. 26 French scale.....	3.00
G/-2057 One posterior urethroscope, No. 26 French scale.....	6.00
G/-2061 One posterior urethroscope, No. 26 French scale, with slanted end.....	5.00
*G/-2065 One window, for observation only.....	2.00
G/-2069 One window, for operative instruments.....	4.00
G/-2073 One telescope to be used with straight or posterior urethroscope.....	22.50
G/-2077 One electrolytic needle for galvanization and for Fulguration.....	3.50
G/-2081 One cautery point, galvano-electric, with handle and conducting cord.....	10.00
G/-2085 One tube for application of medicaments of silver.....	5.00
G/-2089 One tube for catheterization and for mounting operative instruments G/-2101-09.....	1.00
G/-2093 One tube for aspiration.....	1.00
*G/-2097 One tube for guiding filiforms.....	1.00
G/-2101 Cotton carriers.....	.75
G/-2105 One urethrotomy knife.....	3.00
G/-2109 One curette, sharp.....	3.00
*G/-2113 Extra lamp.....	1.00

Folder describing Modus Operandi mailed upon application



G/-2117

### Illuminated Instruments

(Continued)

G/-2117 Goldschmidt's Irrigating Urethroscope..... Each \$ 65.00

This instrument is provided with a dilating attachment for the anterior and posterior urethra. It consists of a universal telescope, two sheaths of varying calibre and lengths, three beaks of different sizes with two extra lamps and conducting cords, in case.

### Cystoscopes

Heretofore nearly all Cystoscopes, due to their fine mechanical construction, were imported from Europe, as it was impossible to produce them satisfactorily in this country for various reasons.

Difficulties arose, however, in after years, due to the wear and tear on these instruments, and the impossibility of supplying renewals in every case directly from New York stock. Considerable expense and delay was necessitated, and in a great many cases the instrument had to be returned to the original manufacturers in Europe.

To obviate these troubles and for the benefit of our customers we have a department at our New York factory devoted entirely to the manufacture of the latest foreign and domestic models of Cystoscopes; consequently we can guarantee entire satisfaction of our instruments to you, and when repairs are required we can readily take care of the work at the lowest possible figures.

Cystoscopes are now universally acknowledged instruments of necessity.

In their construction, the most important factor is the lens system or telescope; in fact, the clearness of the Cystoscopic picture entirely depends on this point.

A great advantage in the construction of the optical parts used in the manufacture of our instruments is that a magnifying lens is placed laterally to the axis of the tube and in front of the reflecting mirror or prism, thereby improving the sharpness of the image, giving the largest field possible and facilitating the introduction of the instrument into the urethra.

The image observed through the telescopes built into the regular stock Cystoscopes is reversed to its actual position. Should it be desired to view the field of vision in its true position, a reversing lens can be embodied within the telescope at a slightly advanced figure. The regular stock instrument, however, is usually preferred by the specialist.

The general construction of our instruments is such that there is very little possibility of their getting out of order.

Lamps of sufficient light power are supplied to illuminate brilliantly the area under observation, and constructed so the possibility of burning them out during one or two examinations is eliminated.

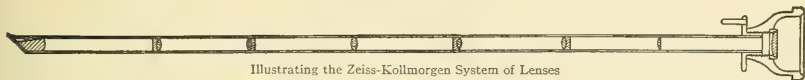
Renewal lamps for instruments of our manufacture can be supplied without delay.

When ordering lamps, it will save time to send us a burned-out lamp which fits the Cystoscope properly, so that the screw thread of the fitting can be exactly matched.

We are prepared to equip any of our cystoscopic instruments with The Kny-Scheerer Co.'s system of regular corrected image lenses, which give each image in its true position, or with the Zeiss-Kollmorgen System—universally acknowledged "unequaled" to accomplish the same object.



Illustrating our regular lens system



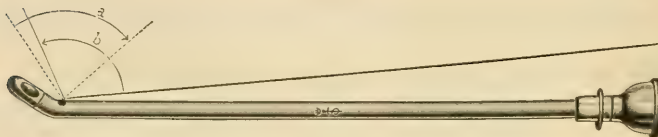
Illustrating the Zeiss-Kollmorgen System of Lenses



A very substantial Contact Clamp which is never in the way of the operator is used on all our Cystoscopes



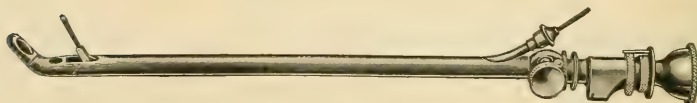
G/-2701-09



G/-2713-21



G/-2729-37



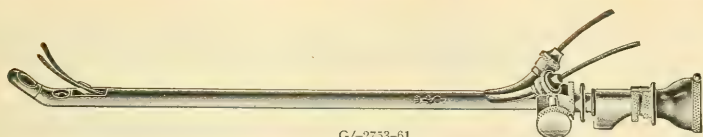
G/-2741-49

## Cystoscopes

(Continued)

	Each
G/-2701 Nitze's Plain Examining Cystoscope, for indirect observation, made in sizes 15, 18 and 21 French scale. Complete with extra lamp and conducting cords, in case.....	\$ 32.00
G/-2705 Nitze's Plain Examining Cystoscope, with corrected image .....	40.00
G/-2709 Nitze's Plain Examining Cystoscope, with the Zeiss-Kollmorgen System of lenses, corrected image .....	48.00
*G/-2711 Renewal Lamp, state size when ordering.....	1.50
G/-2713 Nitze's Plain Examining Cystoscope, for indirect and retrograde observation, made in size 21 French scale only. Complete with extra lamp and conducting cords, in case.....	35.00
G/-2717 Nitze's Plain Examining Cystoscope, with corrected image .....	43.00
G/-2721 Nitze's Plain Examining Cystoscope, same as preceding model, but having the Zeiss-Kollmorgen System of lenses, corrected image .....	55.00
*G/-2725 Renewal Lamp.....	1.50
G/-2729 Nitze's Examining and Irrigating Cystoscope, with removable telescope and automatic ball valve. Size of sheath No. 21 French. Complete with conducting cord and extra lamp, in case .....	42.00
G/-2733 Nitze's Examining and Irrigating Cystoscope, with corrected image .....	50.00
G/-2737 Nitze's Examining and Irrigating Cystoscope, with Zeiss-Kollmorgen System of lenses .....	60.00
*G/-2739 Renewal Lamp.....	1.50
G/-2741 Nitze's Single Catheterizing and Irrigating Cystoscope, latest model, constructed with a removable telescope and automatic ball valve. Size of sheath, No. 23 French. With each instrument are furnished a two-way stopcock for irrigation, one small stopcock for the catheter channel, and one ureter catheter. Complete in case, with extra lamp and conducting cords.....	56.00
G/-2747 Nitze's Single Catheterizing and Irrigating Cystoscope, with corrected image .....	60.00
G/-2749 Nitze's Single Catheterizing and Irrigating Cystoscope, latest model, same as the preceding with the Zeiss-Kollmorgen System of lenses, corrected image.....	75.00
*G/-2751 Renewal Lamps.....	1.50

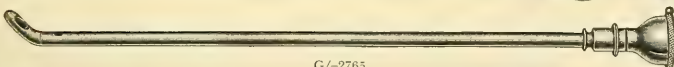




G/-2753-61



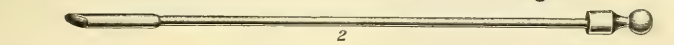
G/-2765



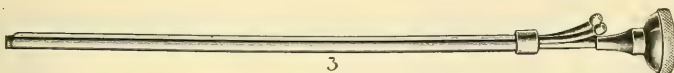
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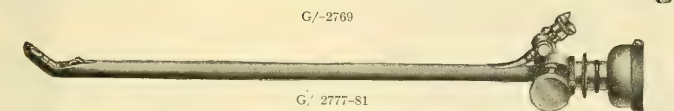
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3



G/-2769

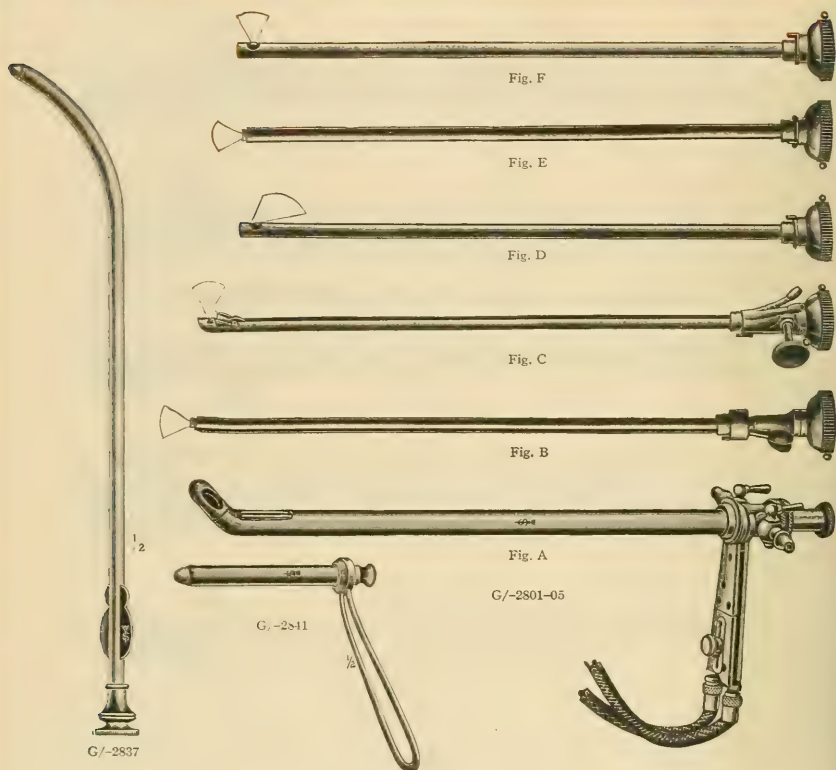


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**Cystoscopes**

(Continued)

		Each
G/-2753	<b>Nitze's</b> Double Catheterizing and Irrigating Cystoscope, latest model, constructed with a removable telescope and automatic ball valve. Size of sheath, No. 25 French. With each instrument are two small stopcocks and two ureter catheters. Complete in case, with extra lamp and conducting cords. ....	\$ 62.00
G/-2757	<b>Nitze's</b> Double Catheterizing and Irrigating Cystoscope, with corrected image .....	66.00
G/-2761	<b>Nitze's</b> Double Catheterizing and Irrigating Cystoscope, with Zeiss-Kollmorgen System of lenses .....	83.00
*G/-2763	Renewal Lamp. ....	1.50
G/-2765	<b>Dr. Bierhoff's</b> Double Ureter and Irrigating Cystoscope. The advantage of this model is, that the catheter carrying part can be readily removed and the telescope used as a plain examining instrument; furthermore, the beak can be rotated when the instrument is introduced, thereby overcoming a reversal and consequent twisting of the catheters, if the latter are to remain insitu. Complete with reserve lamp, conducting cords, two small stopcocks and two ureter catheters, in case. ....	80.00
*G/-2766	Renewal Lamps. ....	1.50
G/-2769	<b>Dr. Ayres' Direct Catheterization, Indirect and Retrospective Vision Cystoscope.</b> This instrument consists of a single sheath, size No. 22 French, through which a direct vision telescope with double catheter channels as indicated in the illustration No. 3, can be introduced; in addition thereto, a telescope which is shown in the illustration, figure No. 1, introduced in the sheath for the indirect and retrospective visions. Complete with extra lamp, conducting cords and two catheters, in case. ....	80.00
*G/-2773	Renewal Lamp. ....	1.50
G/-2777	<b>Dr. Edwin Beer's</b> Cystoscope for Children (see Am. Journal of Surgery, 1911), for single catheterization, size 15 French scale, irrigation and observation, corrected image, complete, with No. 4 ureter catheter, extra lamp and cord, in case. ....	57.00
G/-2781	<b>Dr. Edwin Beer's</b> Cystoscope for Children, with Zeiss-Kollmorgen System of lenses. ....	70.00
*G/-2782	Renewal Lamp. ....	1.50



## Cystoscopes

(Continued)

	Each
G/-2801 Bransford Lewis' Universal Cystoscope, consisting of telescope's Fig. A to D, complete in case.....	\$ 100.00
G/-2805 Bransford Lewis' Universal Cystoscope, consisting of telescopes Fig. A to F, complete in case.....	135.00
<p>Figure A. A sheath, with obturator, the former affording illumination of the whole interior of the bladder by fenestration of its beak on both convexity and concavity. The outside caliber of the sheath is No. 25 French scale, small enough to enter practically any adult urethra, male or female, to both of which sexes the instrument is adapted. Cut shows the electric cable, with cut-off switch attached, placing control of the light in the hands of the operator.</p> <p>Figure B. Telescope for direct double ureteral catheterization.</p> <p>Figure C. Telescope for indirect double ureteral catheterization, with right-angle lens.</p> <p>Figure D. Telescope for retrospective view, non-catheterizing.</p> <p>Figure E. Telescope non-catheterizing for direct (forward view).</p> <p>Figure F. Telescope non-catheterizing for indirect (right-angle view).</p>	
*G/-2809 Bransford Lewis' Special Single Catheterizing Telescope, direct vision, with extra large channel so an oval catheter up to No. 11 French scale can be used.....	22.00
*G/-2829 Bransford Lewis' Ureter Catheter, silk web, oval form, sizes No. 9, 10 and 11 French scale.....	2.50
*G/-2833 Renewal Lamps.....	1.00
G/-2837 Bransford Lewis' Male Tablet Depositor.....	3.00
G/-2841 Bransford Lewis' Female Tablet Depositor.....	2.50

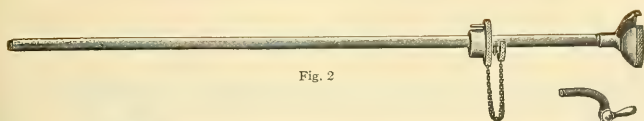


Fig. 2

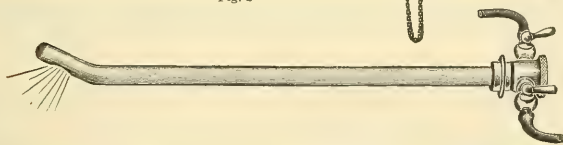


Fig. 1



Fig. 3

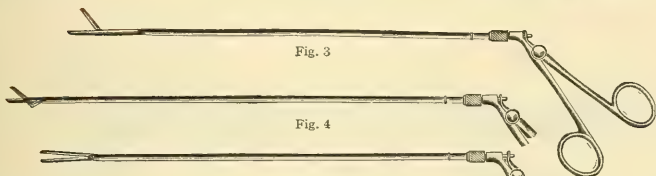


Fig. 4

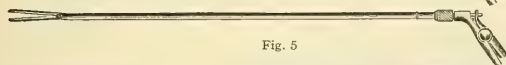


Fig. 5

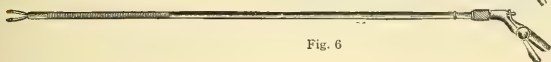


Fig. 6



Fig. 10

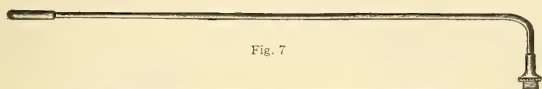


Fig. 7

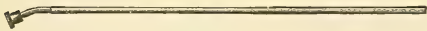


Fig. 8



Fig. 9

G/-2845

### Cystoscopes

(Continued)

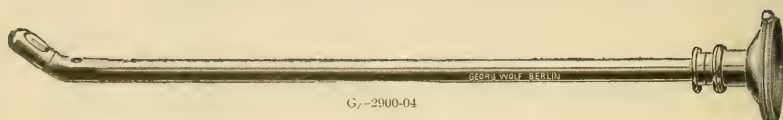
G/-2845 Bransford Lewis' Improved Operating Cystoscope, in polished wooden case..... Each \$ 150.00

For Cystoscopic Manipulation and for Operating Within the Bladder and Ureters of Either Male or Female

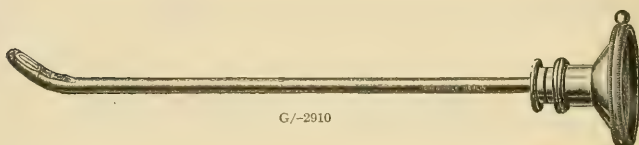
Set consists of following:

- Fig. 1. Tubular Sheath, with obdurator and double stopcock.
- Fig. 2. Telescope, for direct forward view.
- Fig. 3. Bladder Forceps, for removing small stones or foreign bodies.
- Fig. 4. Urethral Scissors, for snipping the orifice of a strictured ureter.
- Fig. 5. Urethral Dilator, for stretching a narrowed ureter.
- Fig. 6. Ureter Forceps, flexible shank.

- Fig. 7. Galvano-Cautery Blade.
- Fig. 8. Ureteral Catheter Carrier, for transmitting ureteral sounds, catheters or bougies.
- Fig. 9. Suction Canula with bulb.
- Fig. 10. Snare Carrier and Loop.
- Lewis' Male Tablet Depositor, G/-2837.
- Lewis' Female Tablet Depositor, G/-2841.
- Metal Stopcock.
- Conducting Cords.



G/-2900-04



G/-2910

### Cystoscopes

Manufactured by Georg Wolf, Berlin, with Optical System made by Carl Zeiss, Jena.

These cystoscopes furnish a field of unusual brilliance. They are fitted with certain special forms of prisms devised and patented by Carl Zeiss, notably the amici tectiform prism, as a means of producing by refraction only successive inversions of the image as formed by the objective so as to present to the observer's eye an erect image with mirror inversions.

Each

G/-2900 **Ringleb's** Examining Cystoscope, sizes No. 15, 18 and 21 French scale, complete with extra lamp and conducting cords, in case. . . . . \$ 48.00

G/-2904 **Ringleb's** Examining Cystoscope, No. 21 French scale, complete with extra lamp and conducting cords, in case. . . . . 48.00

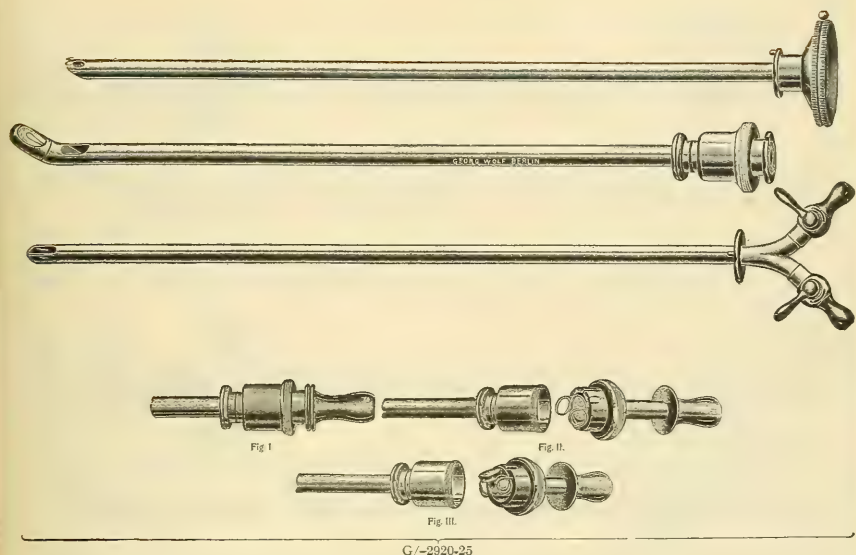
This Cystoscope has a higher magnification than G/-2900 and more desirable for localizing and securing a distinct view of the features of the bladder.

G/-2910 **Ringleb's** Examining Cystoscope, for children, No. 13 French scale, complete with extra lamp and conducting cords, in case. . . . . 48.00

\*G/-2912 Renewal Lamp, with carbon filament. . . . . 1.20

\*G/-2913 Renewal Lamp, with metal filament. . . . . 1.40





## Cystoscopes

(Continued)

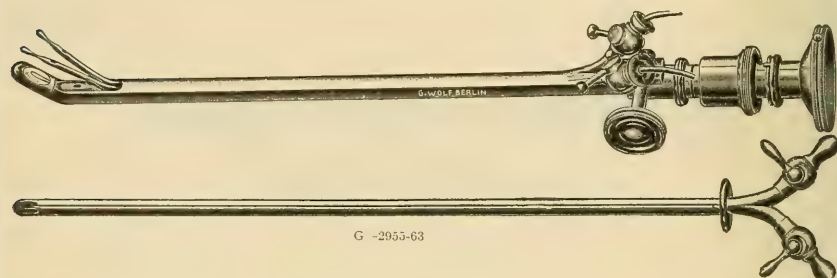
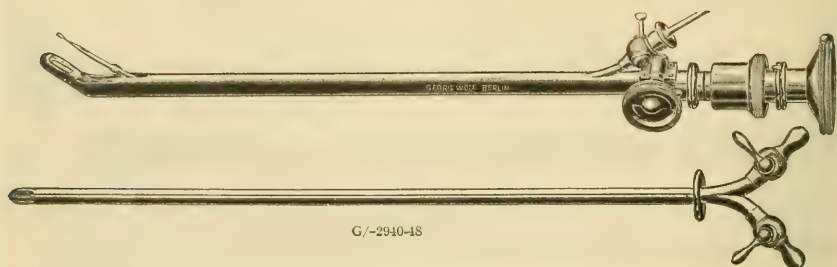
	Each
G/-2920 <b>Ringleb's</b> Irrigating Cystoscope, No. 21 French scale, complete with extra lamp and conducting cords, in case.....	\$ 60.00
G/-2925 <b>Ringleb's</b> Irrigating Cystoscope, with optic designed by H. Kollmorgen, No. 21 French scale, complete with extra lamp and conducting cords, in case.....	60.00
*G/-2930 Renewal Lamp, with carbon filament.....	1.20
*G/-2931 Renewal Lamp, with metal filament.....	1.40

The Ringleb Valve works with perfect precision and can be depended upon after long and continual use. It is fitted with a powerful spring made of non-oxidizable metal.

Fig. I shows the exposed end of the irrigating catheter.

Fig. II shows the valve unscrewed and detailing the construction of same. The irrigating attachment is inserted into the valve without opening it.

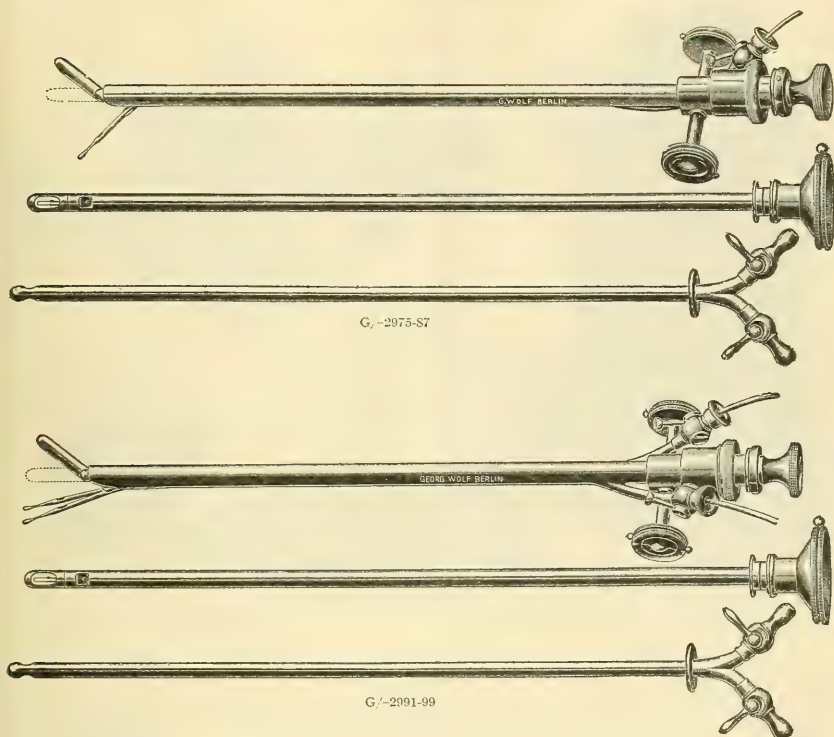
Fig. III shows the irrigating attachment inserted far enough to open the valve.



### Cystoscopes

(Continued)

	Each
G/-2940 <b>Ringleb's</b> Single Catheterizing and Irrigating Cystoscope, No. 22 French scale, with Zeiss latest optic of approximately 3 x magnification and 80° angle of view, complete with extra lamp and conducting cords, in case. ....	\$ 82.00
G/-2944 <b>Ringleb's</b> Single Catheterizing and Irrigating Cystoscope, same as above, but with Zeiss regular optic. ....	74.00
G/-2948 <b>Ringleb's</b> Single Catheterizing and Irrigating Cystoscope, same as above, but with optic designed by H. Kollmorgen. ....	60.00
G/-2955 <b>Ringleb's</b> Double Catheterizing and Irrigating Cystoscope, No. 22 French scale, with Zeiss latest optic of approximately 3 x magnification and 80° angle of view, complete with extra lamp and conducting cords, in case. ....	88.00
G/-2959 <b>Ringleb's</b> Double Catheterizing and Irrigating Cystoscope, same as above, but with Zeiss regular optic. ....	80.00
G/-2963 <b>Ringleb's</b> Double Catheterizing and Irrigating Cystoscope, same as above, but with optic designed by H. Kollmorgen. ....	66.00
*G/-2967 Renewal Lamps, with carbon filament, for above. ....	1.20
*G/-2968 Renewal Lamps, with metal filament, for above. ....	1.40

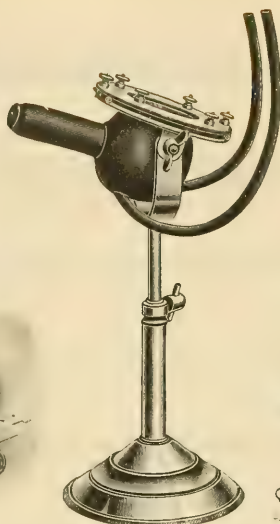


### Cystoscopes (Continued)

	Each
G/-2975 <b>Ringleb's</b> Single Catheterizing and Irrigating Cystoscope, provided with Oberlaender's Introducing Obdurator, No. 22 to 23 French scale, with Zeiss' latest optic of 3 x magnification and approximately 80° angle of view, complete with extra lamp and conducting cords, in case.....	\$ 92.00
G/-2983 <b>Ringleb's</b> Single Catheterizing and Irrigating Cystoscope, same as above, but with Zeiss' original optic.....	84.00
G/-2987 <b>Ringleb's</b> Single Catheterizing and Irrigating Cystoscope, same as above, but with optic designed by H. Kollmorgen.....	70.00
G/-2991 <b>Ringleb's</b> Double Catheterizing and Irrigating Cystoscope, provided with Oberlaender's Introducing Obdurator, No. 23 French scale, with Zeiss' latest optic of 3 x magnification and approximately 80° angle of view, complete with extra lamp and conducting cords, in case.....	98.00
G/-2995 <b>Ringleb's</b> Double Catheterizing and Irrigating Cystoscope, same as above, but with Zeiss' original optic.....	90.00
G/-2999 <b>Ringleb's</b> Double Catheterizing and Irrigating Cystoscope, same as above, but with optic designed by H. Kollmorgen.....	76.00
*G/-3000 Renewal Lamps, with carbon filament, for above.....	1.20
*G/-3001 Renewal Lamps, with metal filament, for above.....	1.40



G/-3200-04



G/-3601



G/-3605

### Fulguration Apparatus

	Each
G/-3200 Kny-Scheerer's Co.'s Fulguration Apparatus, for the alternating current, complete.....	\$ 200.00
G/-3204 Kny-Scheerer Co.'s Fulguration Apparatus, for the direct current, complete.....	280.00

For the fulguration of papilloma within the bladder the fulguration apparatus devised by us is the most effective and easiest to manipulate.

It is built on the closed magnetic core type, uses no interrupter, requires no attention.

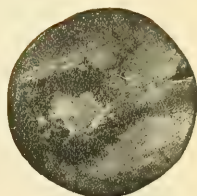
A foot-switch permits ready application of the fulguration current leaving both of the operator's hands free for the manipulation of the cystoscope.

G/-3210 Milliampère Meter, for above.....	25.00
With this addition the apparatus can be used for high frequency, auto-conduction and auto-condensation.	

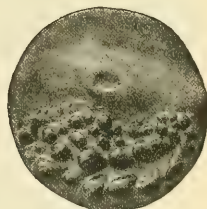
### Bladder Phantoms

G/-3601 Bladder Phantom, consisting of a globular rubber part in the shape of a bladder with hinged metal cover and two rubber tubes representing the ureters. Mounted on nickel-plated metal stand, adjustable.....	25.00
G/-3605 Dr. Bransford Lewis' Bladder Phantom, similar to the G/-3601, but constructed in portable form, without stand .....	15.00

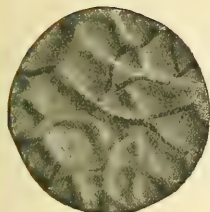




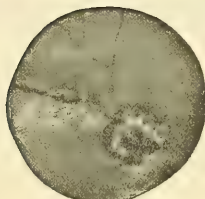
Carcinoma vesicæ



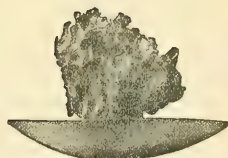
Oedema bulbo-urethralis



Vesicæ à colonis



Tuberculosis vesicæ



Papilloma vesicæ

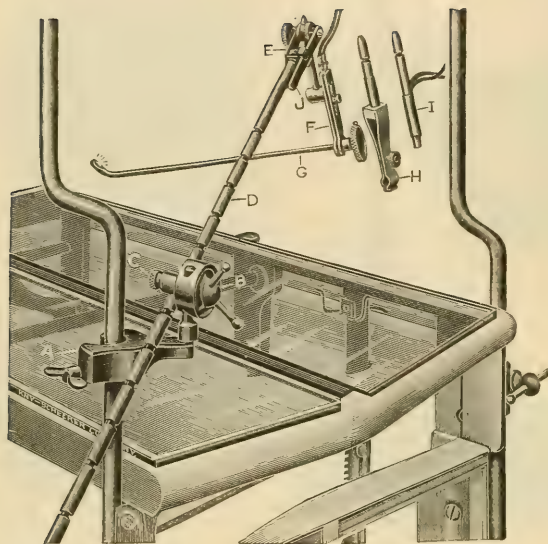
G/-3607

### Bladder Phantoms

(Continued)

G/-3607 **Blum's Bladder Phantom**, mounted on stand, with 4 colored discs, representing the more common diseases of the bladder, and 1 soft rubber disc representing a papilloma. . . . . **\$ 35.00**

Each



G/-3609



G/-3633



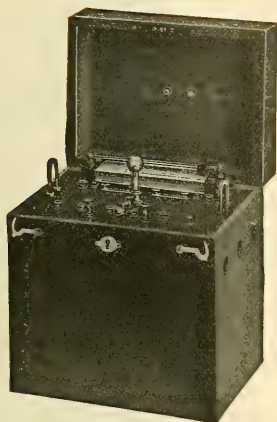
G/-3625

### Cystoscope Stands

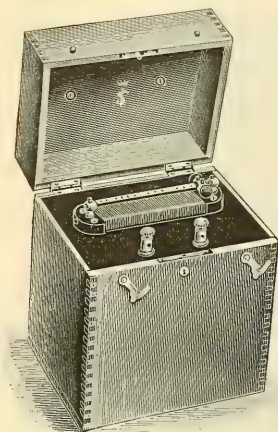
- G/-3609 **Furniss' Cystoscope Stand**, for the study of cystoscopy, with clamp to attach to the upright of any stirrup, complete with Universal cystoscope clamp and conducting cord..... **\$ 15.00** Each

### Sterilizing Chambers

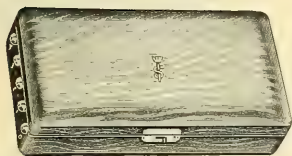
- G/-3625 **Beer's Sterilizing Chamber**, glass, 36 inches long, for storing ureteral catheters after sterilization, with 2 silver baskets for formalin tablets..... **3.50**
- \*G/-3629 Wall Rack, for suspending above chambers. For chambers.....
- |        |      |      |      |      |
|--------|------|------|------|------|
| 1      | 2    | 3    | 6    | 12   |
| \$1.25 | 1.75 | 2.50 | 4.00 | 6.50 |
- G/-3633 **Cystoscope Sterilizing Chamber**, with metal rack and receptacle for formalin tablets..... **10.00**



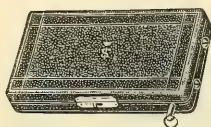
G/-4051



G/-4067



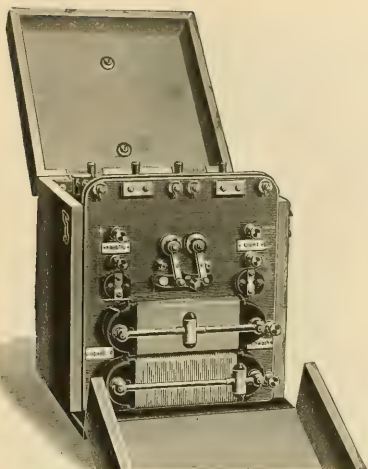
G/-4075



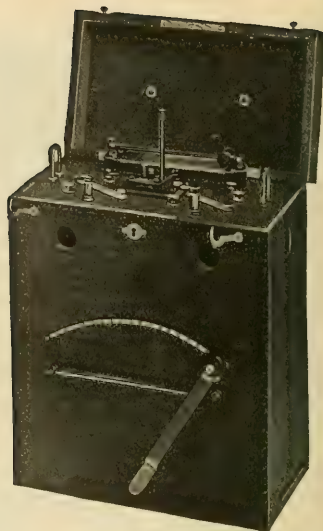
G/-4083

### Diagnostic Light Batteries

	Each
G/-4051 Bichromate Cell Battery, portable. Six bichromate cells are mounted with a perfect controlling rheostat, the required binding posts, etc., into a natural wood, polished oak case. This battery operates lamps requiring from 4 to 9 volts. Dimensions: 10 inches by 8 inches by 12 inches high.....	\$ 25.00
*G/-4055 Glass Receptacle, for above.....	.25
*G/-4059 Carbons, for above, per pair.....	.80
*G/-4063 Zincs.....	.50
G/-4067 Dry Cell Battery, portable. Six large dry cells with the essential switches, binding posts, etc., and a rheostat that permits the finest regulation of the current are placed in a highly polished hardwood case. This battery lights both large and small miniature lamps, and is strongly recommended for cystoscopic work. Dimensions: 9 inches by 7 inches by 10 inches high.....	12.00
*G/-4070 Renewal Dry Cells.....	.50
*G/-4071 Set of 6 Renewal Cells.....	3.00
G/-4075 Dry Cell Battery, pocket size, portable. It has a set of six small dry cells, of large power, the necessary switch, binding posts, and a rheostat of ample capacity. It is a very handy battery for all miniature diagnostic lamps. The hardwood case is highly polished and has rounded corners so it cannot tear the pocket. Dimensions: 9 inches by 5 inches by 2 inches thick.....	10.00
*G/-4079 Renewal Cells of six, completely mounted and connected, per set.....	2.00
G/-4083 Dr. Sanford Lewis' Dry Cell Battery, pocket size model. This was devised as an emergency battery for lighting cystoscopic and similar lamps. Its dry cells are placed in a fine leather covered case with a rheostat. Dimensions: 6¾ inches by 3¾ inches by 1¼ inches thick.....	6.50
*G/-4087 Renewal Cells of six, completely mounted and connected, per set.....	1.00



G/-4101



G/-4099

### Cautery Batteries

Each

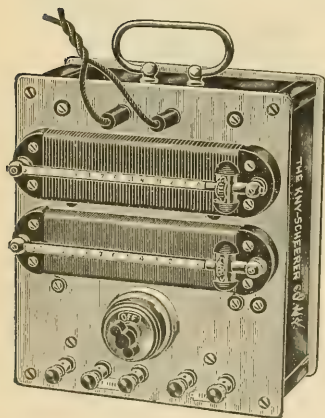
G/-4099 Portable Cautery Battery . . . . . \$ 50.00

This battery has been tried out by a large number of operators under very hard conditions and found that it is absolutely reliable in all climatic conditions. It has six bichromate cells, mounted with the necessary binding posts, switches, and a controlling rheostat, in a polished oak case.

The flexibility of the rheostat is so great that any degree of heat can be instantly obtained. It is a battery which will particularly appeal to the Eye, Ear, Nose and Throat Specialist because of its efficiency in heating their special small cautery points, and its ability to light diagnostic lamps requiring from 4 to 10 volts. Dimensions: 18 inches by 8 inches by 17 inches high.

G/-4101 Portable Storage Battery . . . . . 40.00

For cautery and diagnostic lamps, consisting of four large storage cells with switchboard upon which the necessary binding posts, selector switch, rheostats for cautery and the lighting circuit are mounted. Dimensions: 9 1/2 inches by 9 1/2 inches by 11 inches high.



G/-4151

### Transformers for Diagnostic Light and Cautery

G/-4151 Low Tension Transformer, for alternating current . . . . . 30.00

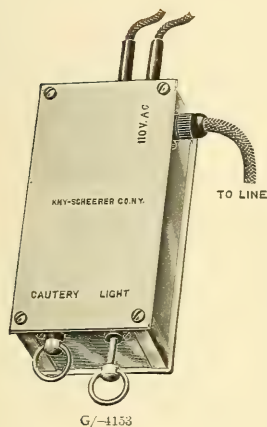
For diagnostic lights and cautery. This apparatus consists of a closed magnetic circuit transformer with primary and secondary windings. It is so constructed that it is free from everything that could get out of order. The switches and controlling devices are mounted on an aluminum plate instead of slate or other heavy but easily broken materials. This apparatus is transportable, a carrying handle being provided. It may be rested on a table or suspended from the wall; hangers are provided for the latter.

The rheostats are interposed in the secondary windings. It is the "Ideal" control for the cautery and diagnostic lamps. The very small lamps, such as used with the cystoscopes and urethoscopes can be illuminated from the ordinary street current without danger of burning them out.

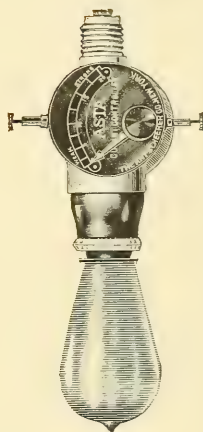
One advantage of this transformer over many similar patterns is its large capacity compared with its compactness and lightness.

It measures 7 1/2 inches by 9 inches by 4 inches deep. It is made for either 110 or 220 volts alternating currents.





G/-4153



G/-4155

## Transformers

(Continued)

G/-4153	Pocket Transformer.....	Each	\$ 18.00
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This is a miniature of our well known G/-4151 Low Tension Transformer, built so it can readily find a space in a physician's bag.

It will withstand all sorts of rough handling, as the outside case is made of aluminum with no parts of a breakable nature in the make-up of the entire instrument. The case measures 6 x 3 x 2¼ inches. The off-take contacts and circuit connections only are exposed.

Two circuits are attained: one for illuminating diagnostic lamps of all sizes, the other for heating cautery burners.

Made for the alternating current of 110 volts.

G/-4155	The "Asta" Current Controller is the simplest controller for lighting diagnostic lamps offered. It is made to screw into the ordinary electric lamp socket, and will illuminate any medical lamp consuming from 1 to 20 volts. Furthermore, it can be used with either the alternating or the direct currents of 110 or 220 volts. This controller assures a gradual increase of the current for the lamp.....	7.00
G/-4159	Extra Resistance Bulb, blue, for 110 volts, each.....	1.00
G/-4163	Extra Resistance Bulb, blue, for 220 volts, each.....	1.75



## *Section Five*



Obstetric and Gynecologic Instruments  
Uterine-Dressing and Hysterectomy Instruments  
Pessaries







E/-23



E/-29



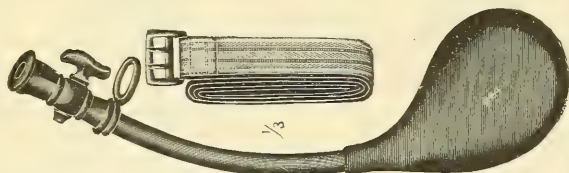
E/-35



E/-41



E/-5



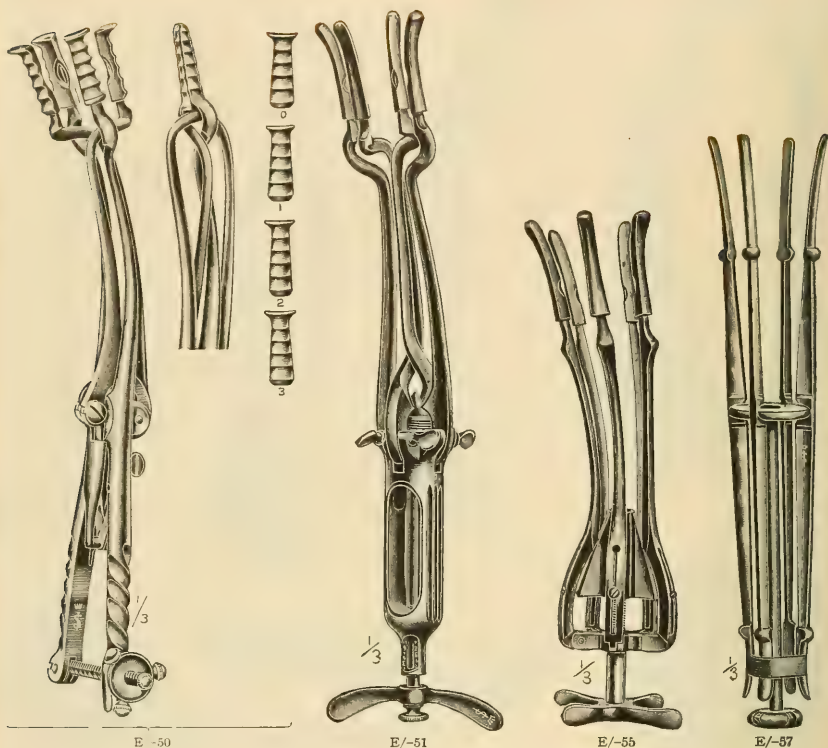
E/-17



E/-11-12

### Colpeurynters

	Each
E/- 5 Barnes' Colpeurynter, set of 3.....	\$ 1.25
E/-11 Braun's Colpeurynter, with stopcock.....	.90
E/-12 Braun's Colpeurynter, without stopcock.....	.60
E/-17 Braun's Colpeurynter, with curved hard rubber canula and strap..	2.50
E/-23 Champetier de Ribes' Colpeurynter, large pattern, with stopcock, 3 sizes, 95, 110 and 125 mm. diameter.....	3.50
E/-29 Champetier de Ribes' Forceps, for introducing above.....	3.25
E/-35 Champetier de Ribes' Colpeurynter, small pattern, without stop- cock, 3 sizes, 70, 90 and 110 mm. diameter.....	3.00
E/-41 Champetier de Ribes' Forceps, for introducing above.....	3.00



### Colpeurynters

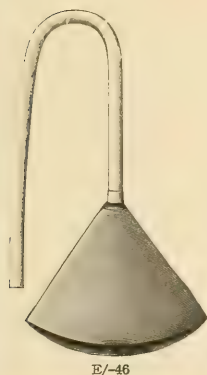
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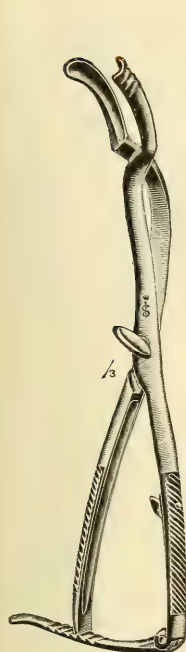
	Each
E/-46 Voorhees' Colpeurynter, pear shaped, set of 4 sizes.....	\$ 3.50

### Dilators for Eclampsia

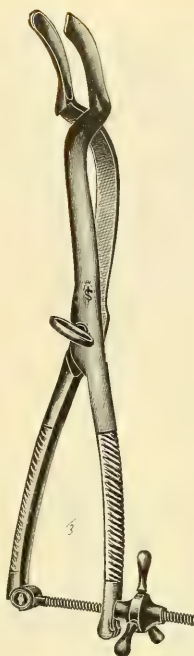
E/-50 Bossi's Dilator, modified by Marelli, 4 branches.....	30.00
E/-51 Bossi's Dilator, Aesculapius pattern, 4 branches.....	30.00
*E/-52 Thigh Strap, for above.....	1.50
E/-55 Higgins' Dilator, modification of Bossi's, 5 branches.....	30.00
E/-57 Leavitt's Dilator, double-ended, with 4 branches, one end with long and slender branches for gynecologic work and the other end with short and broad branches for obstetric work.....	8.00

(See Journal A. M. A., March 31, 1906.)

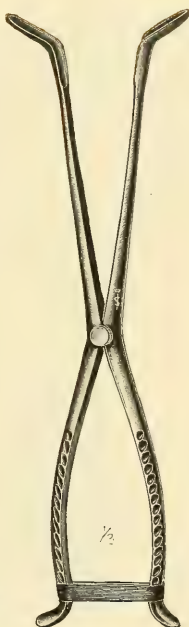




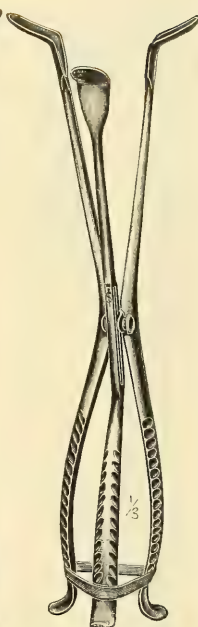
E/-72



E/-74



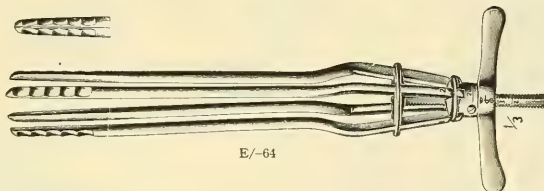
E/-80



E/-81



E/-69



E/-64

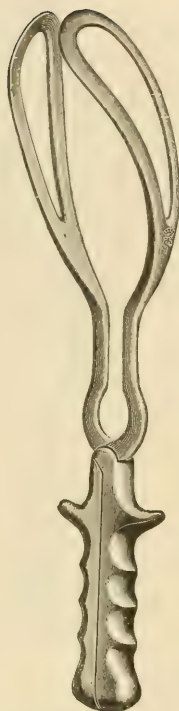
### Dilators for Eclampsia

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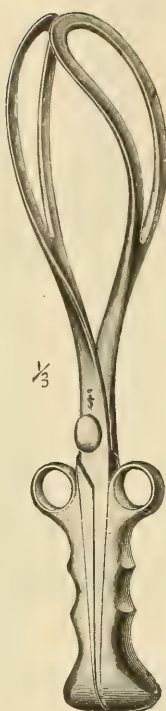
	Each
E/-64 Mensinga's Dilator, light pattern, 4 branches. ....	\$ 9.00
E/-69 "Mundus" Dilator, heavy pattern, 8 branches. ....	32.00
E/-72 Norris' (R. C.) Dilator, with serrated blades and ratchet. ....	12.00
E/-74 Norris' (R. C.) Dilator, modified by Dr. J. C. Hirst, with smooth blades and screw for gradual dilatation. ....	14.00
E/-80 Tarnier's Dilator, two-bladed. ....	5.00
E/-81 Tarnier's Dilator, three-bladed. ....	6.00



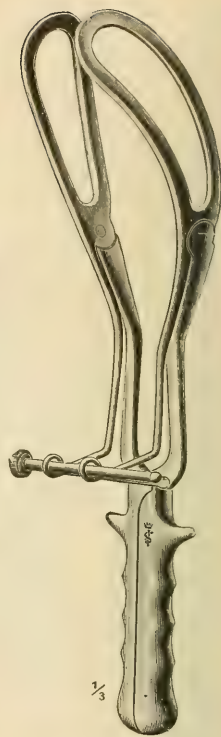
E/-90



E/-87



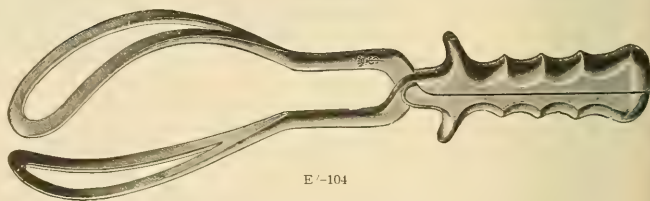
E/-95



E/-107



E/-99

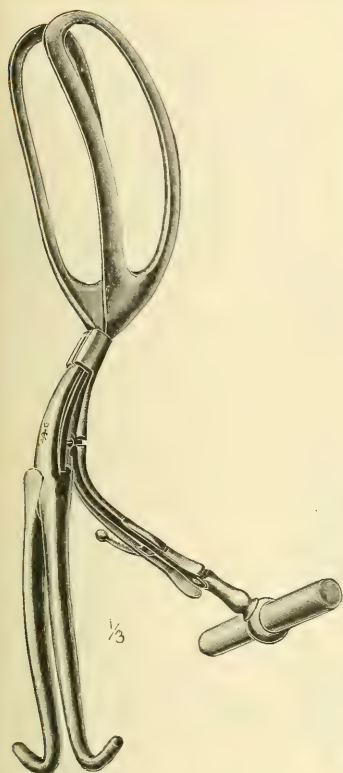


E/-104

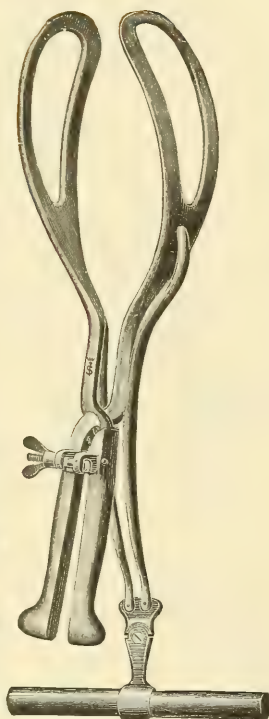
### Obstetric Forceps

	Each
E/- 87 Anderson's Obstetric Forceps.....	\$ 5.50
E/- 90 Aveling's Obstetric Forceps.....	8.00
E/- 95 Bedford's Obstetric Forceps.....	6.00
E/- 99 Boerma's Obstetric Forceps.....	6.50
E/-104 Braun-Simpson's Obstetric Forceps.....	6.50
E/-107 Breus' Obstetric Forceps, with axis traction.....	13.50

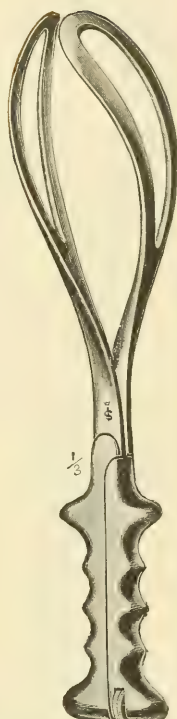




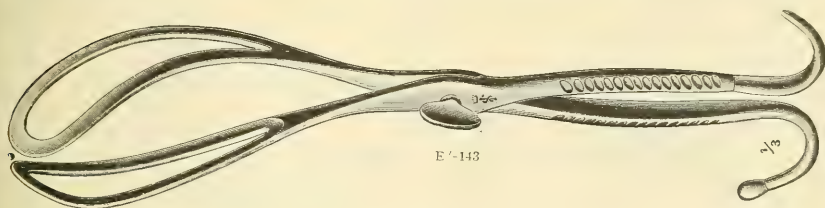
E/-125



E-135



E/-155-61

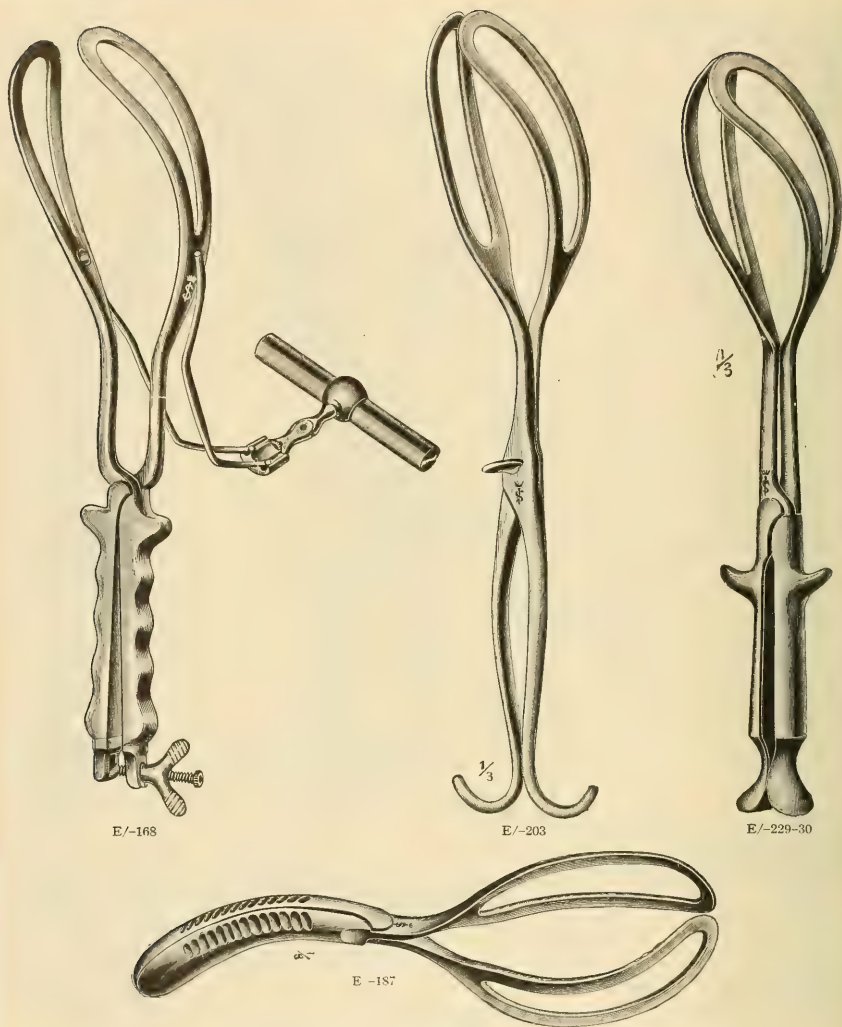


E/-143

# Obstetric Forceps

(Continued)

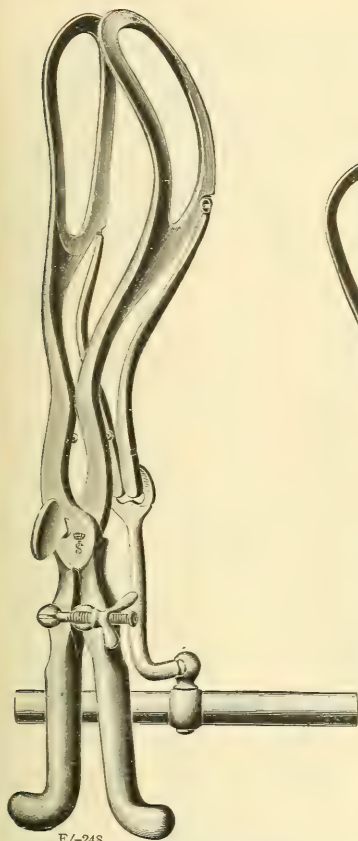
E/-125	Cole's Obstetric Forceps, with axis traction.....	Each \$16.25
E/-135	Cullingworth's Obstetric Forceps, with axis traction.....	15.00
E/-143	Dubois' Obstetric Forceps.....	8.50
E/-155	Elliott's Obstetric Forceps, long pattern, with set screw.....	4.75
E/-161	Elliott's Obstetric Forceps, short pattern, with set screw.....	4.75



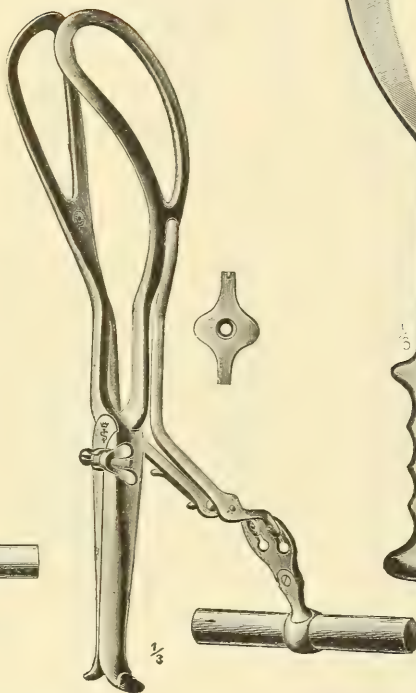
### Obstetric Forceps

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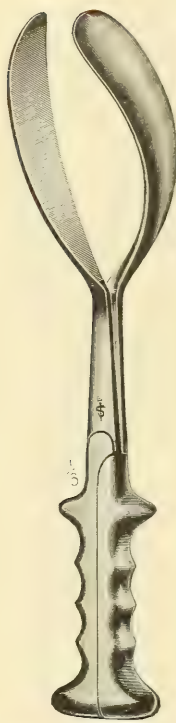
	Each
E/-168 <b>Felsenreich's</b> Obstetric Forceps, modification of Tarnier's, with axis traction.....	\$ 19.00
E/-187 <b>Hale's</b> Obstetric Forceps, short, with curved corrugated handles.....	4.00
E/-203 <b>Hodge's</b> Obstetric Forceps.....	4.00
E/-229 <b>Jenk's</b> Obstetric Forceps, long pattern.....	6.00
E/-230 <b>Jenk's</b> Obstetric Forceps, short pattern.....	5.00



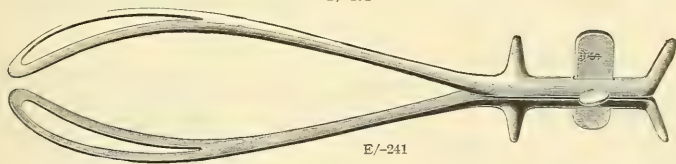
E/-248



E/-271



E/-263

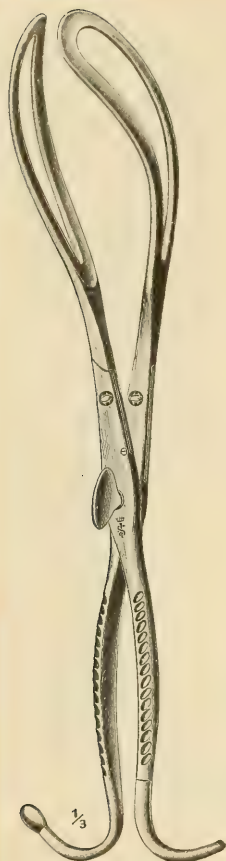


E/-241

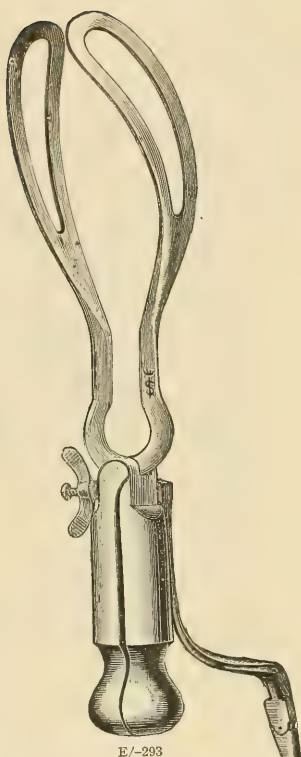
### Obstetric Forceps

(Continued)

	Each
E/-241 Lazarewitsch's Obstetric Forceps.....	\$ 7.50
E/-248 Lusk's Obstetric Forceps, with axis traction.....	20.00
E/-263 McLean's Obstetric Forceps, solid blades, steel.....	7.00
E/-271 Milne-Murray's Obstetric Forceps, modified by Webster, with axis traction.....	13.50



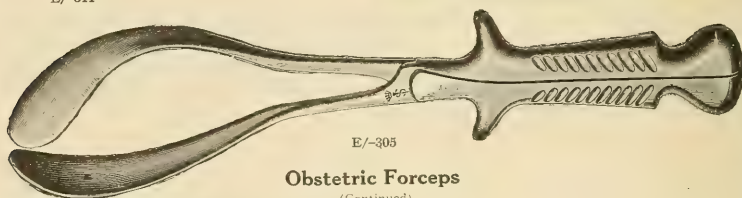
E/-311



E/-293



E/-275-81



E/-305

### Obstetric Forceps

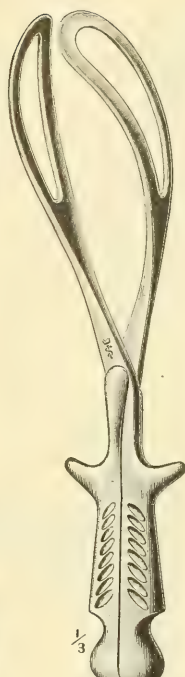
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	Each
E/-275 Naegele's Obstetric Forceps, long pattern.....	\$ 7.00
E/-281 Naegele's Obstetric Forceps, short pattern.....	7.00
E/-293 Neville's Obstetric Forceps, with axis traction.....	13.50
E/-305 Olshausen's Obstetric Forceps, solid blades.....	8.50
E/-311 Pajot's Obstetric Forceps, with detachable blades.....	11.50

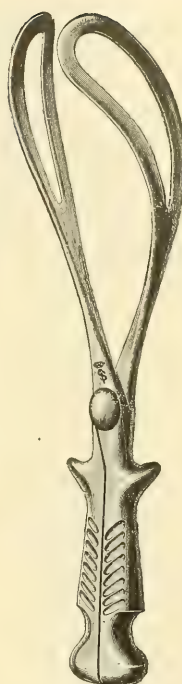




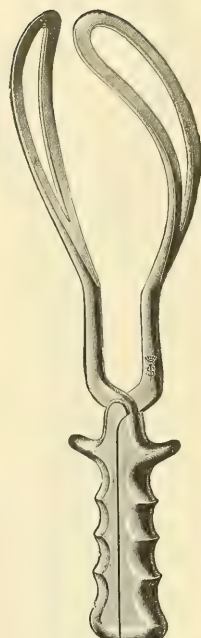
E/-353



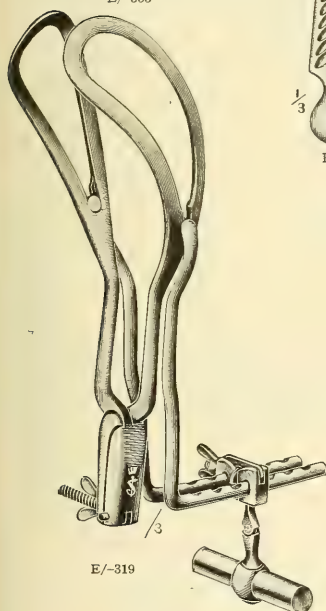
E/-315



E/-365



E/-371

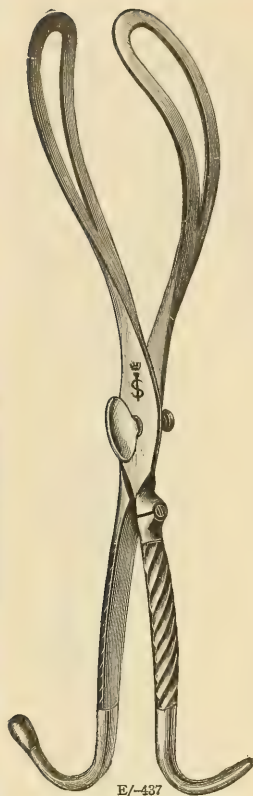


E/-319

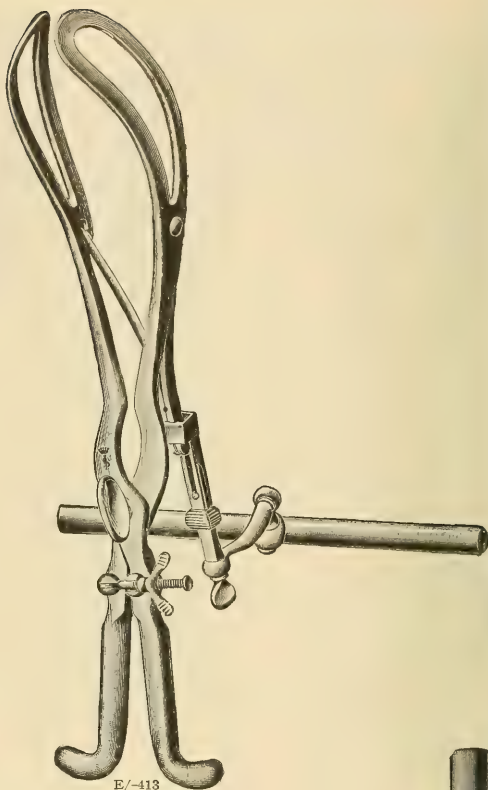
## Obstetric Forceps

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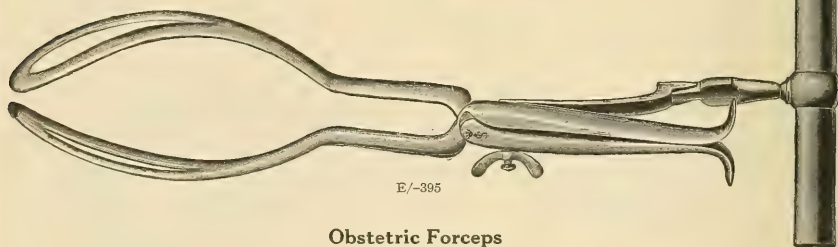
	Each
E/-315 Pippingshold's Obstetric Forceps.....	\$ 7.50
E/-319 Porter-Mathew's Obstetric Forceps, with axis traction.....	18.00
E/-353 Sawyer's Obstetric Forceps, short.....	4.00
E/-365 Schroeder's Obstetric Forceps.....	6.50
E/-371 Simpson's Obstetric Forceps.....	4.75



E/-437



E/-413

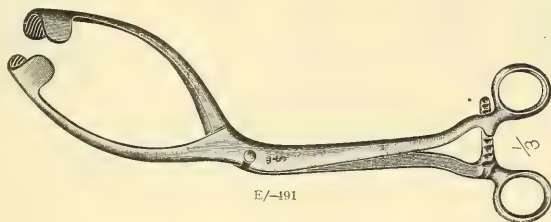
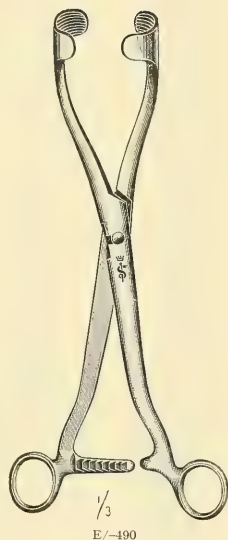
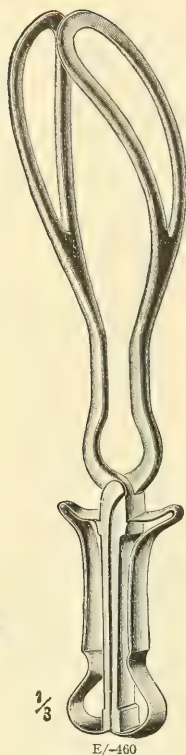
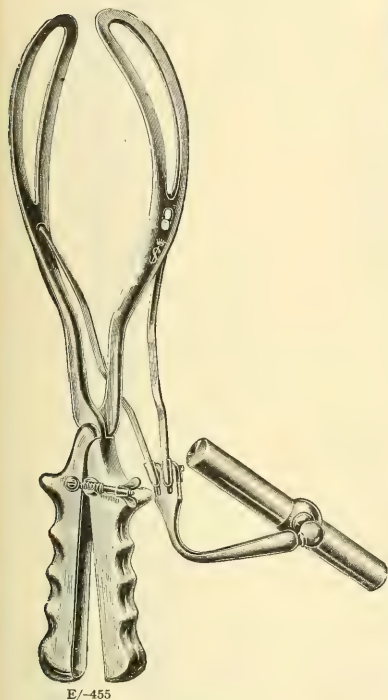


E/-395

### Obstetric Forceps

(Continued)

E/-395	Simpson's Obstetric Forceps, with axis traction.....	Each \$15.00
E/-413	Tarnier's Obstetric Forceps, with axis traction, 3 sizes, 15, 15 $\frac{7}{8}$ and 16 $\frac{1}{2}$ inches long.....	15.00
E/-437	Tarsitani's Obstetric Forceps.....	12.00



### Obstetric Forceps

(Continued)

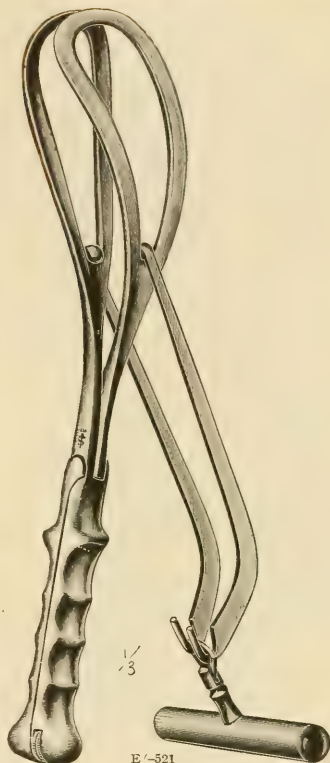
	Each
E/-455 Tibone's Obstetric Forceps, with axis traction.....	\$ 18.00
E/-460 Werneck's Obstetric Forceps, with fenestrated handles.....	12.00
E/-490 Collin's Fœtus Forceps, straight, for extracting by the foot.....	7.50
E/-491 Collin's Fœtus Forceps, curved, for extracting by the foot.....	9.00



E - 503



E/-516



E/-521



E/-527



E/-545

### Vectis

	Each
E/-503 Plain Vectis.....	\$ 2.00

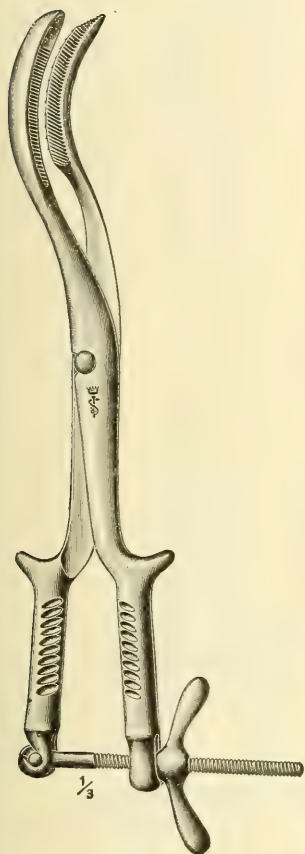
### Axis Traction Clamps and Hooks

E/-516 Lepage's Axis Traction Hook.....	1.75
E/-521 Reynolds' Axis Traction Hooks, for attaching to any style of forceps (price without forceps)...	2.25
E/-527 Reynolds' Handle Clamp, for locking handles in conjunction with axis traction hooks.....	1.50

### Cranioclasts

E/-545 Barnes' Cranioclast.....	13.50
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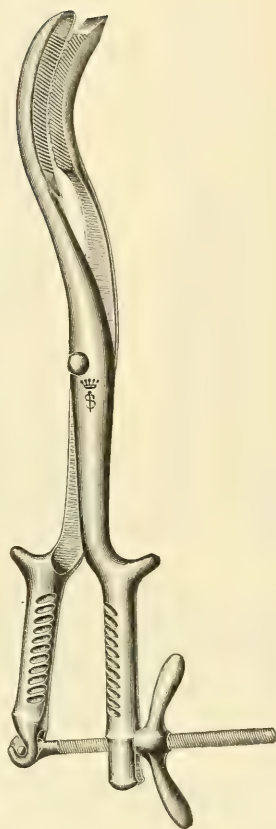




E/-551-57



E/-599

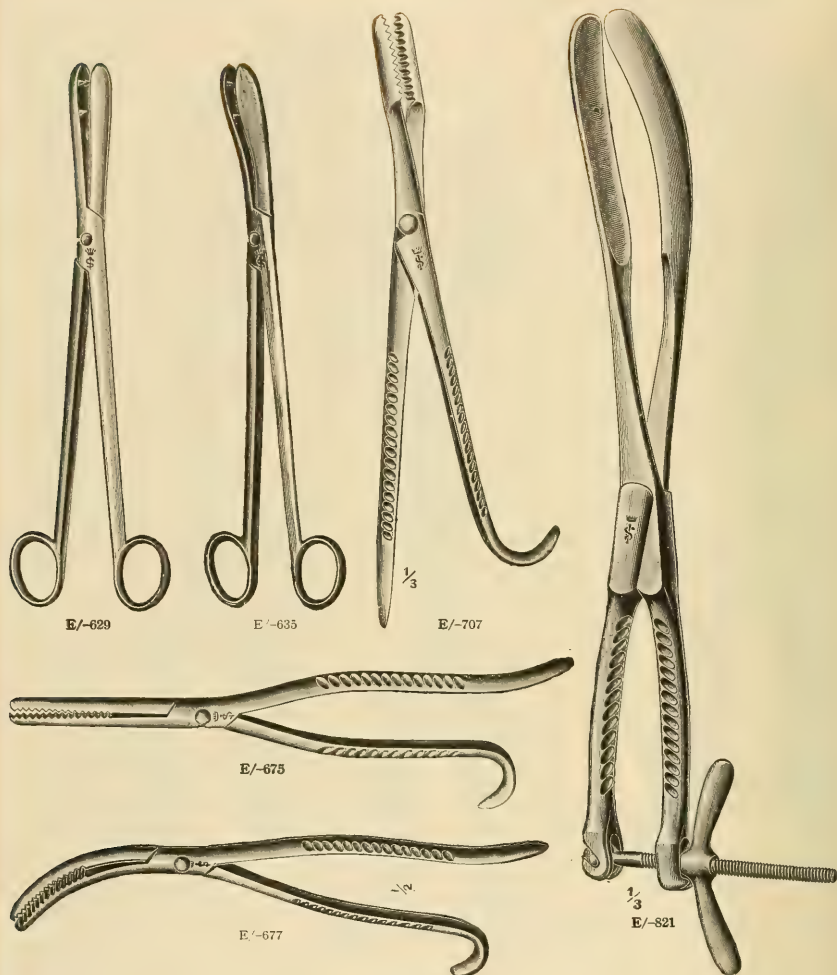


E/-611

### Cranioclasts

(Continued)

	Each
E/-551 Braun's Cranioclast, large pattern, 18 inches.....	\$ 10.00
E/-557 Braun's Cranioclast, small pattern, 16½ inches.....	9.00
E/-599 Simpson's Cranioclast.....	7.00
E/-611 Veit's Cranioclast.....	12.00

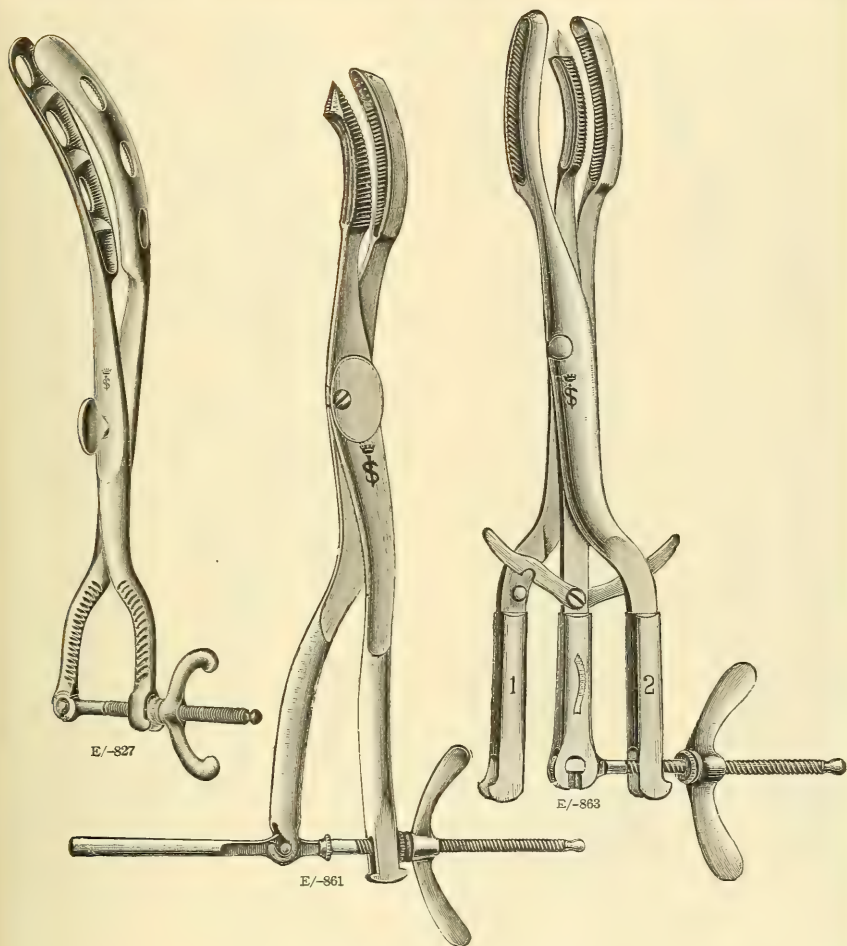


### Craniotomy Forceps

	Each
E/-629 Boer's Craniotomy Forceps, straight.....	\$ 3.25
E/-635 Boer's Craniotomy Forceps, curved.....	3.50
E/-675 Meigs' Craniotomy Forceps, straight.....	3.00
E/-677 Meigs' Craniotomy Forceps, curved.....	3.25
E/-707 Thomas' Craniotomy Forceps.....	4.00

### Cephalotribes

E/-821 Simpson's Cephalotribe.....	13.50
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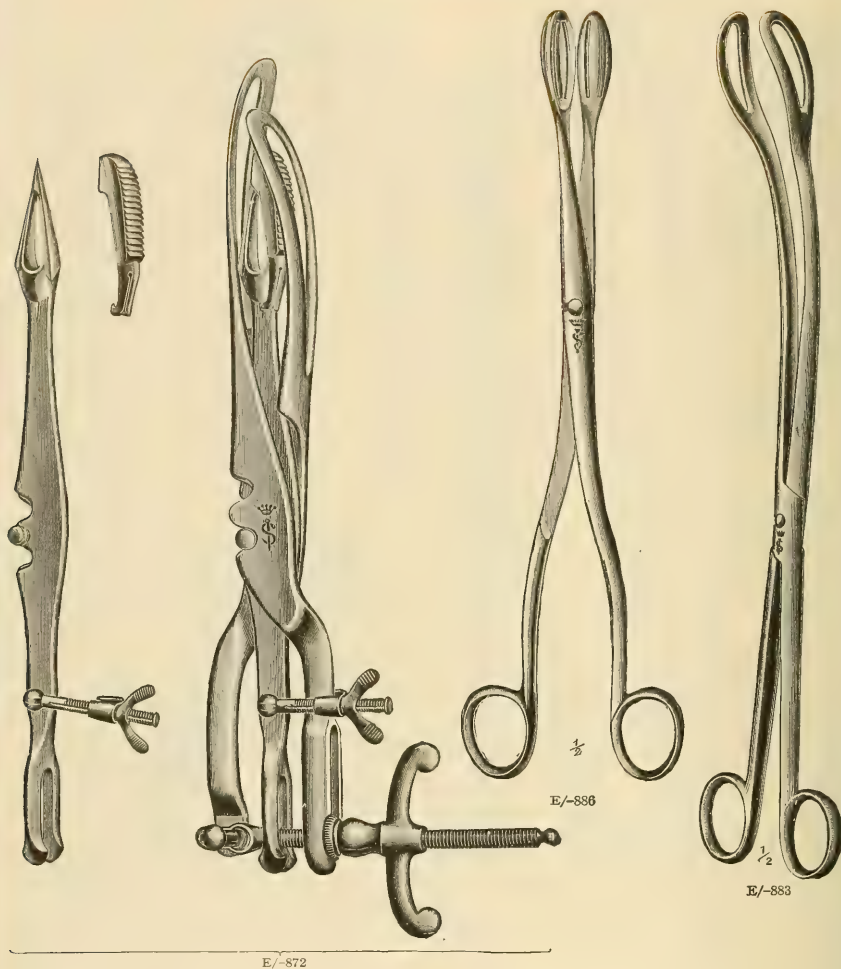
## Cephalotribes

(Continued)

	Each
E/-827 Tarnier's Cephalotribe.....	\$ 27.00

## Basiotribes

E/-861 Auvard's Basiotribe, combined with perforator, two parts.....	16.00
E/-863 Auvard's Basiotribe, combined with perforator, three parts.....	20.00



### Basiotribes

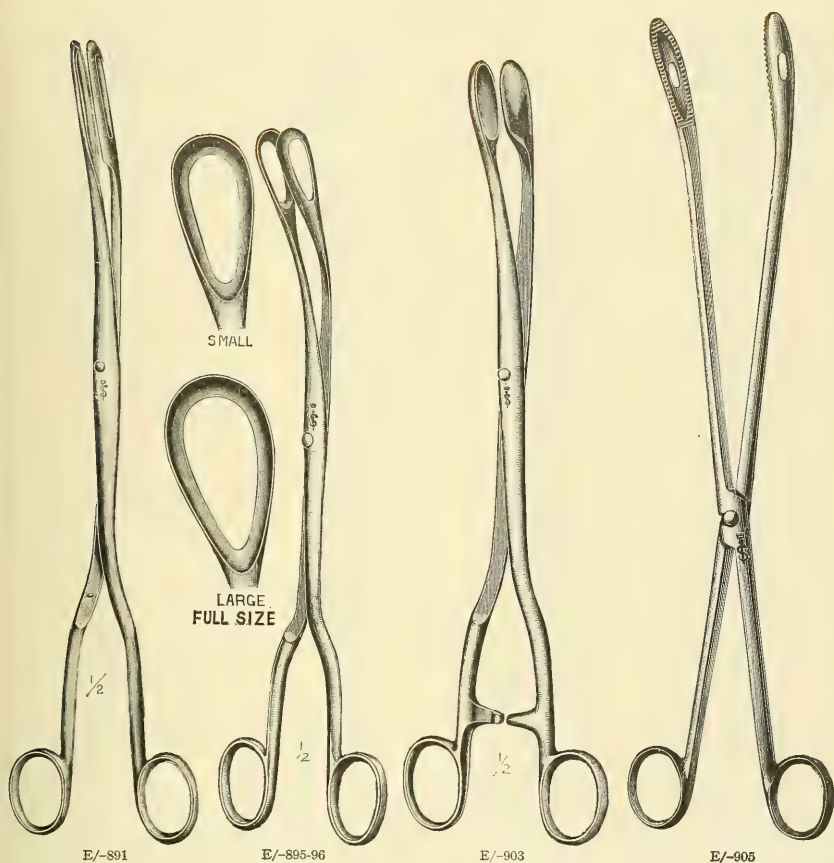
(Continued)

		Each
*E/-870	Tarnier's Basiotribe, original pattern.....	\$ 25.00
E/-872	Tarnier's Basiotribe, improved pattern.....	30.00

### Embryotomy Forceps

E/-883	American Pattern Embryotomy Forceps.....	3.50
E/-886	Heywood Smith's Embryotomy Forceps.....	3.00





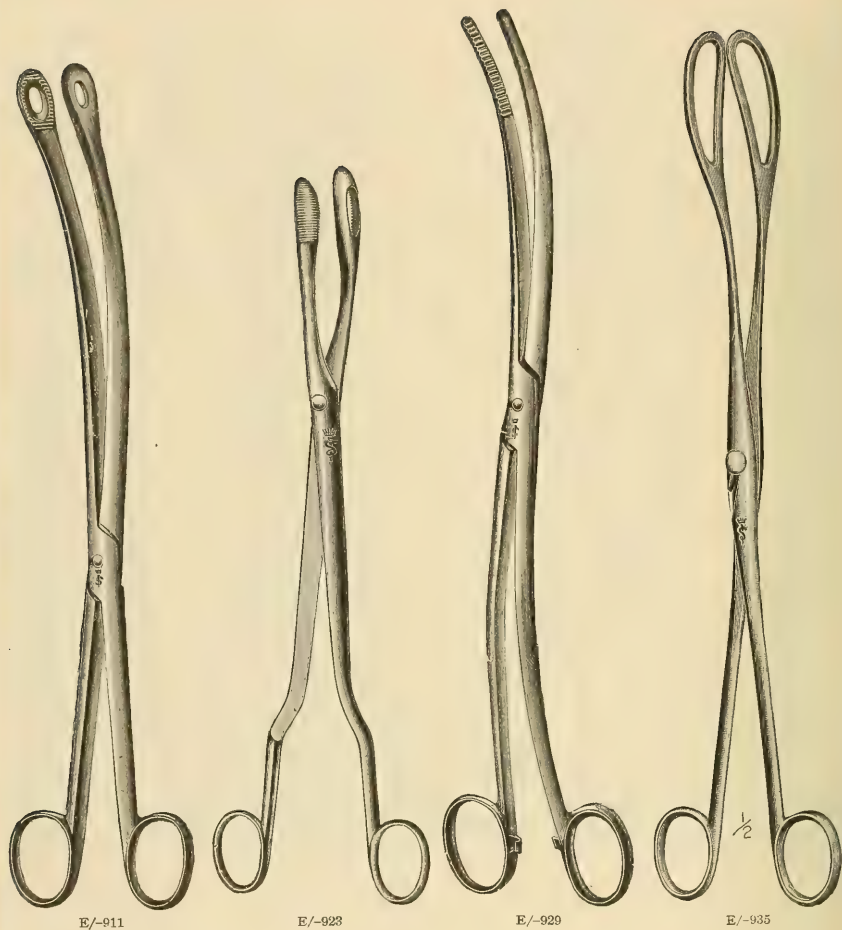
### Embryotomy Forceps

(Continued)

	Each
E/-891 Tiemann's Embryotomy Forceps.....	\$ 2.25

### Placenta Forceps

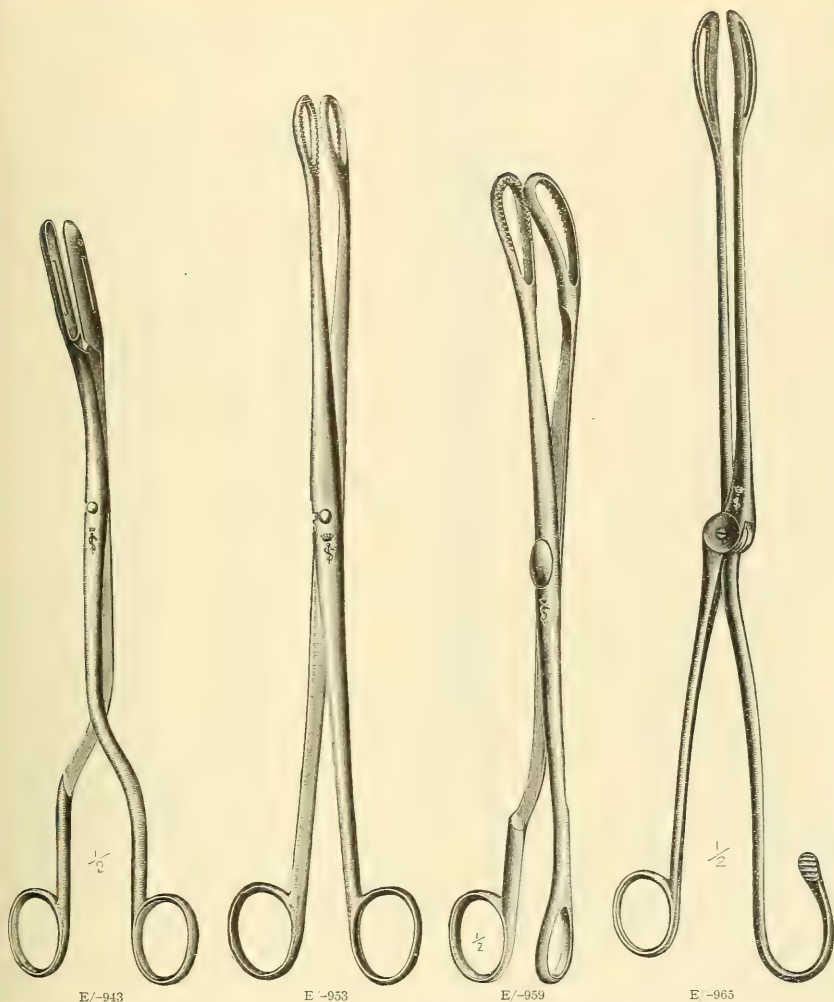
E/-895 Barrett's Placenta Forceps, small.....	2.25
E/-896 Barrett's Placenta Forceps, large.....	2.25
E/-903 Boldt's Placenta Forceps.....	2.50
E/-905 Bond's Placenta Forceps.....	2.00



## Placenta Forceps

(Continued)

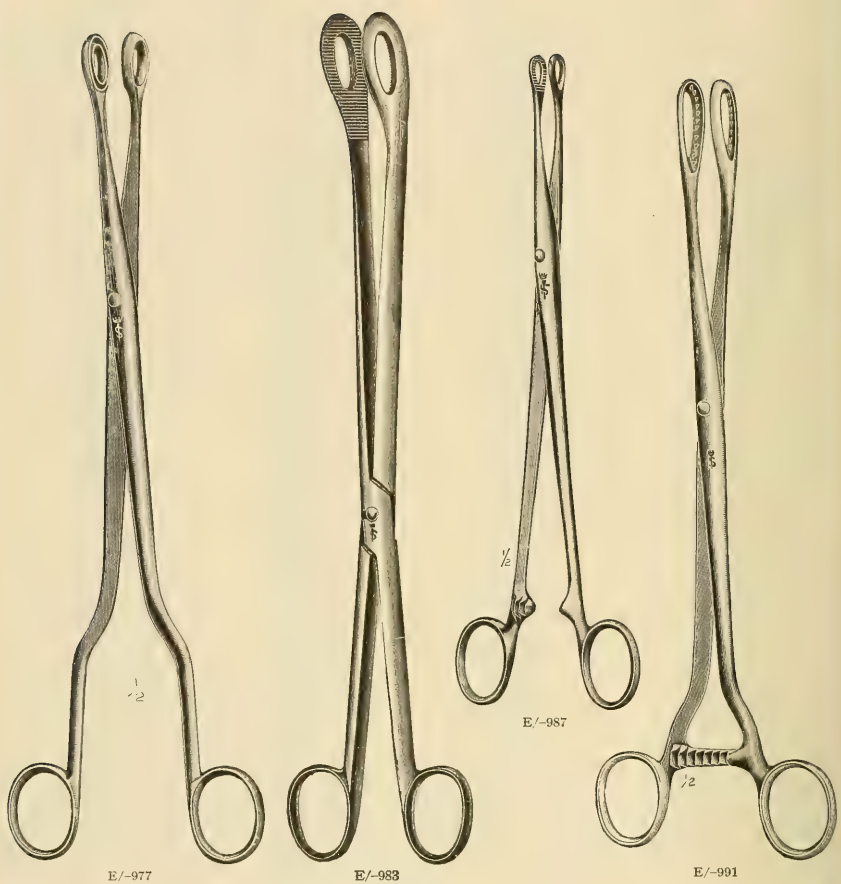
		Each
E/-911	<b>Budd's</b> Placenta Forceps.....	\$ 2.25
E/-923	<b>Chamberlain's</b> Placenta Forceps.....	2.50
E/-929	<b>Clark's</b> Placenta Forceps.....	2.25
E/-935	<b>Corey's</b> Placenta Forceps.....	3.50



### Placenta Forceps

(Continued)

	Each
E/-943 Hirst's Placenta Forceps.....	\$ 2.75
E/-953 Kelly's Placenta Forceps.....	2.00
E/-959 Kelly's Placenta Forceps, combined with curette.....	5.00
E/-965 Loomis', Placenta Forceps.....	4.00



**Placentia Forceps**  
(Continued)

	Each
E/-977 Mann's Placentia Forceps.....	\$ 2.25
E/-983 Munde's Placentia Forceps.....	2.25
E/-987 Polk's Placentia Forceps.....	2.25
E/-991 Saenger's Placentia Forceps.....	2.75

CHEERER CO'S TR

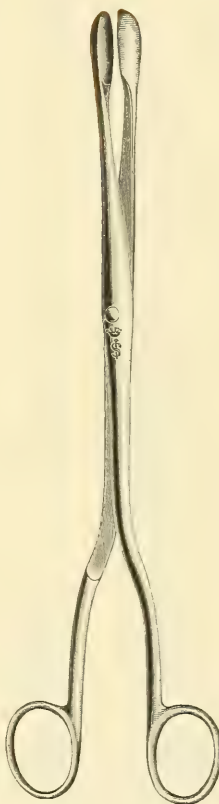




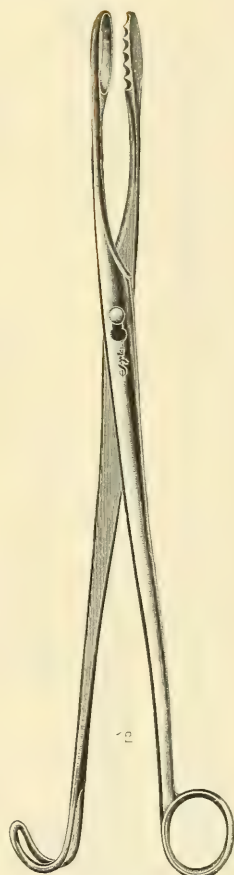
E/-995



E/-998



E/-1000

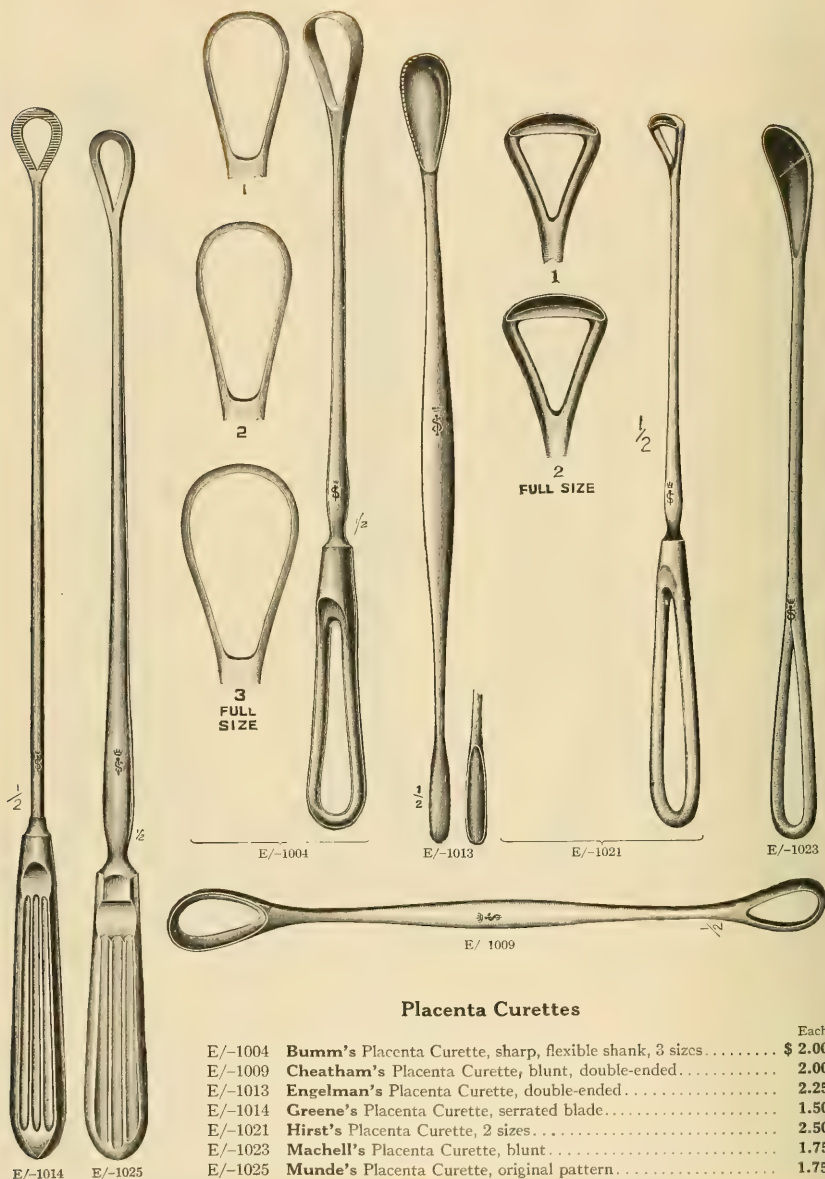


E -1001

### Placenta Forceps

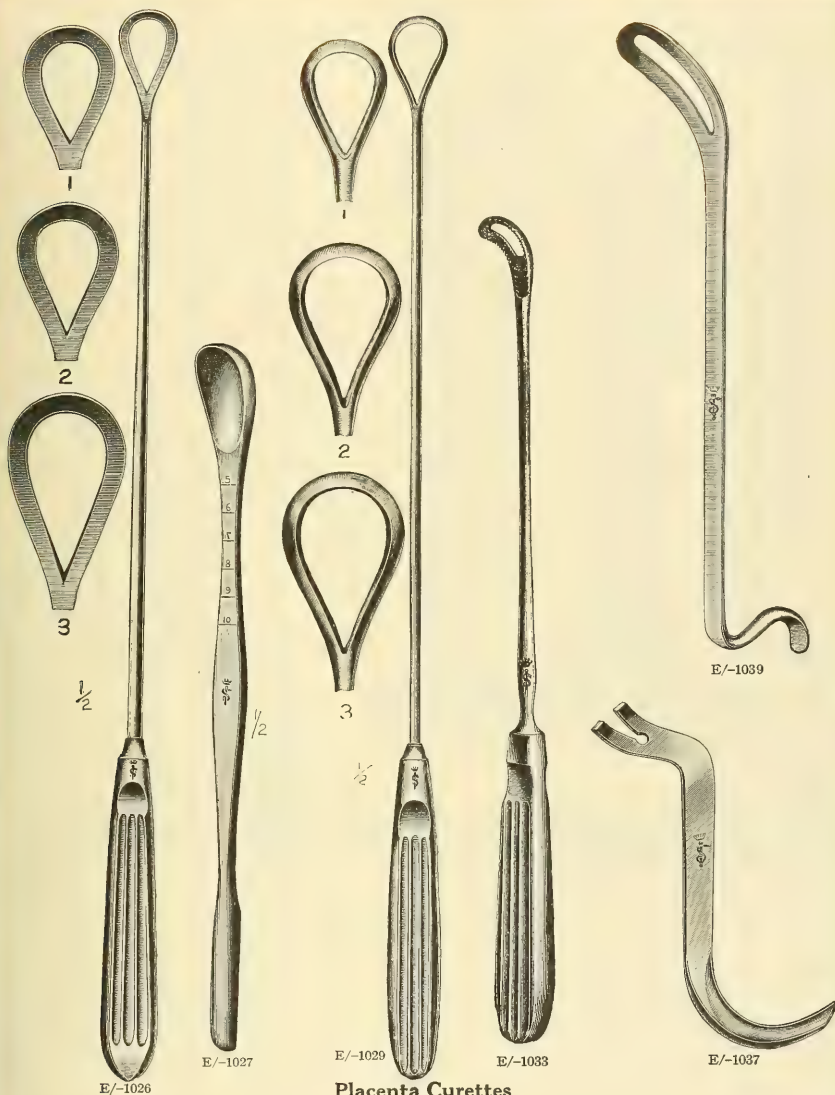
(Continued)

	Each
E/- 995 Schnetter's Placenta Forceps.....	\$ 3.00
E/- 998 Ward's Placenta Forceps.....	3.00
E/-1000 Winter's Placenta Forceps.....	2.25
E/-1001 Combined Placenta Forceps, with hook and curette.....	2.50



### Placenta Curettes

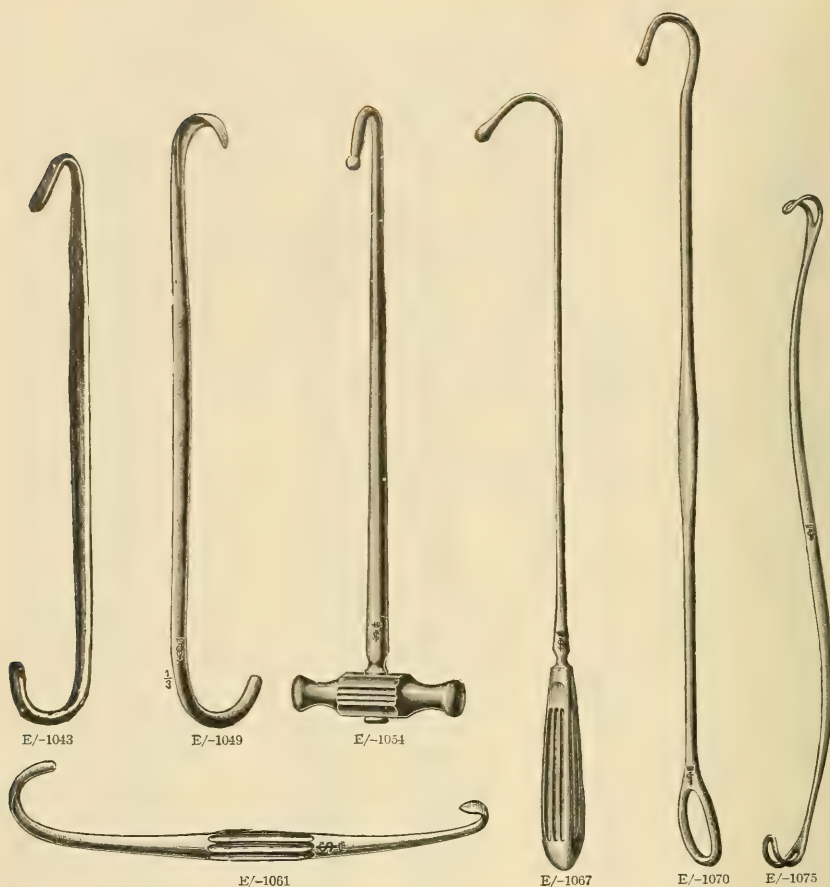
	Each
E/-1004 Bumm's Placenta Curette, sharp, flexible shank, 3 sizes.	\$ 2.00
E/-1009 Cheatham's Placenta Curette, blunt, double-ended.	2.00
E/-1013 Engelman's Placenta Curette, double-ended.	2.25
E/-1014 Greene's Placenta Curette, serrated blade.	1.50
E/-1021 Hirst's Placenta Curette, 2 sizes.	2.50
E/-1023 Machell's Placenta Curette, blunt.	1.75
E/-1025 Munde's Placenta Curette, original pattern.	1.75



### Placenta Curettes

(Continued)

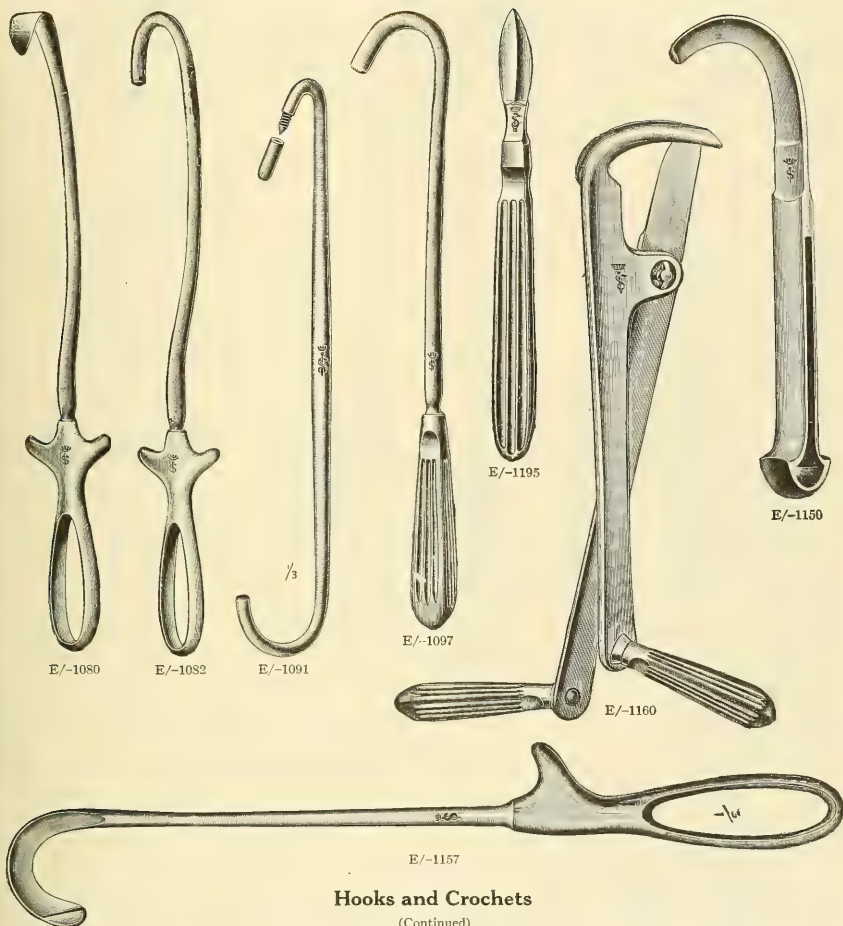
E/-1026	Munde's Placenta Curette, modified pattern, 3 sizes..	Each \$ 1.50	E/-1029	Reynolds' Placenta Curette, 3 sizes.....	Each 1.50
E/-1027	Orthmann's Placenta Curette, double-ended.....	2.25	E/-1033	Winter's Placenta Curette.....	2.50
<b>Guards</b>					
E/-1037	Farabeuf's Protector, grooved, for symphysiotomy...	2.75	E/-1039	Farabeuf's Guide, for symphysiotomy....	4.00



## Hooks and Crochets

	Each
E/-1043 Plain Hook and Crochet.....	\$ 1.00
E/-1049 American Pattern Hook and Crochet.....	1.50
E/-1054 <b>Braun's</b> Blunt Hook.....	2.00
E/-1061 <b>Clark's</b> Hook and Crochet.....	2.25
E/-1067 <b>Delore's</b> Blunt Hook.....	3.50
E/-1070 <b>Dewey's</b> Hook and Curette.....	1.00
E/-1075 <b>Leavitt's</b> Hook, double-ended.....	1.00





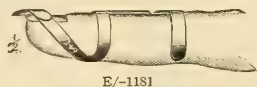
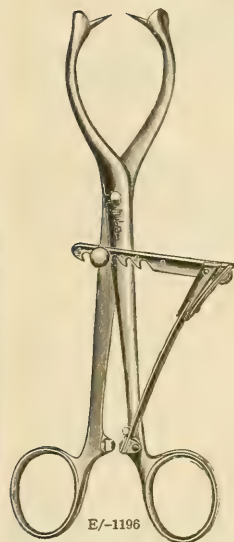
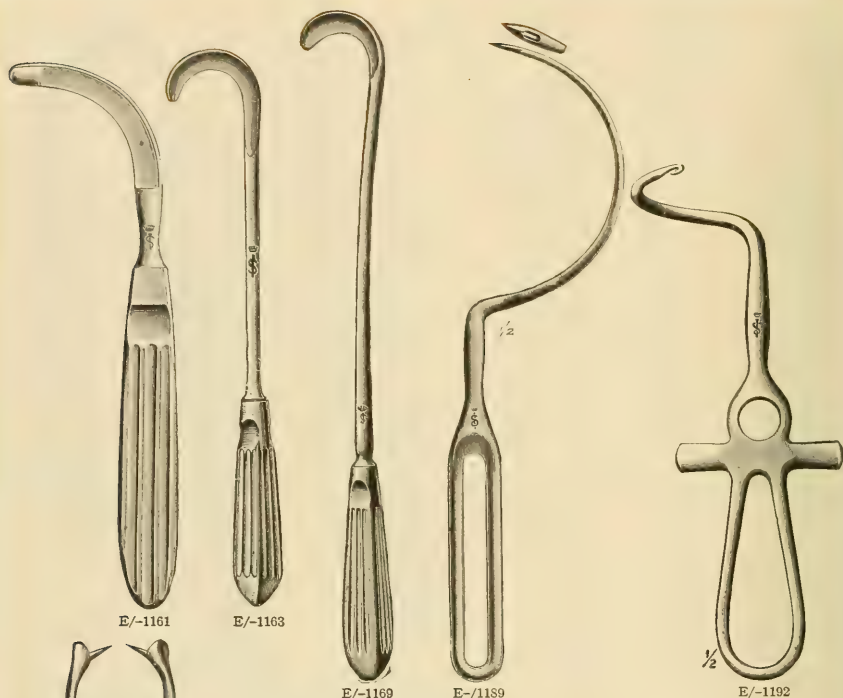
### Hooks and Crochets

(Continued)

	Each
E/-1080 <b>Levret's Sharp Hook</b> .....	\$ 2.25
E/-1082 <b>Levret's Blunt Hook</b> .....	2.25
E/-1091 <b>Martin's Blunt Hook, with detachable tip</b> .....	2.25
E/-1097 <b>Schultze's Blunt Hook</b> .....	3.00

### Knives

E/-1150 <b>American Pattern Symphysiotomy Knife</b> .....	3.00
E/-1157 <b>Braun's Embryotomy Knife</b> .....	3.50
E/-1159 <b>Farabeuf's Symphysiotomy Knife, double-edged</b> .....	2.50
E/-1160 <b>Farabeuf's Symphysiotomy Knife, heavy, with guard</b> .....	12.00



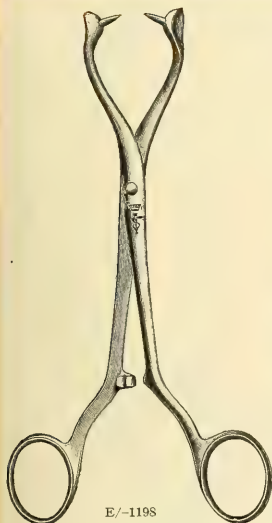
### Knives

(Continued)

	Each
E/-1161 Galbiati's Symphysiotomy Knife.....	\$ 3.50
E/-1163 Ramsbotham's Embryotomy Knife.....	3.50
E/-1169 Schultze's Embryotomy Knife.....	3.50
E/-1181 Wenck's Amniontome, for rupturing the membrane.....	2.00

### Needles

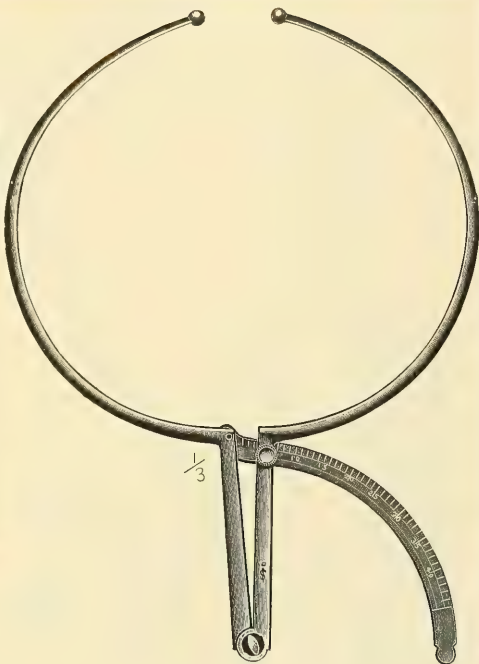
E/-1189 Bumm's Pubecotomy Needle, with 2 Gigli's special 12-inch saws and 1 pair handles for same.....	7.50
E/-1192 Doederlein's Pubecotomy Needle.....	2.75
E/-1196 Farabeuf's Compressor, with ratchet, to gauge and control amount of separation of symphysis pubis after division...	8.00



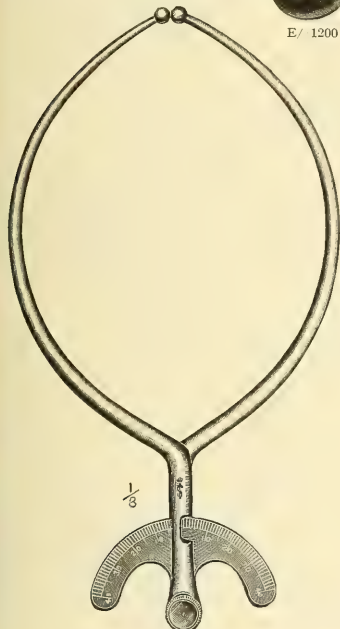
E/-1198



E/ 1200



E/-1211



E/-1217

## Needles

(Continued)

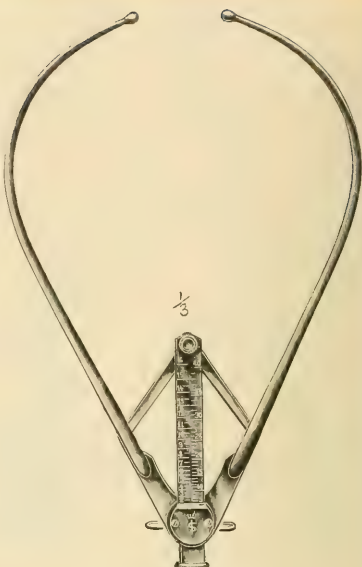
	Each
E/-1198 <b>Farabeuf's</b> Compressor, plain, for holding the symphysis pubis together during the application of sutures.....	\$6.50
E/-1200 <b>Farabeuf's</b> Perforator and Ligature Carrier, combined.....	3.50

## Pelvimeters

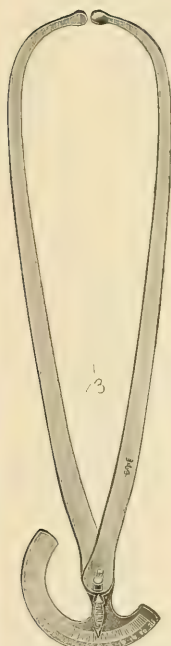
E/-1211 <b>Baudelocque's</b> Pelvimeter, steel, graduated in centimeters.....	8.00
E/-1217 <b>Breisky's</b> Pelvimeter, steel, graduated in centimeters.....	7.00



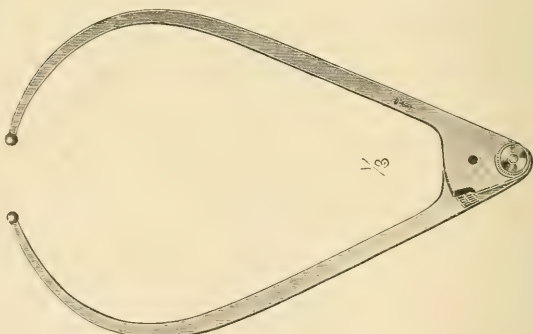
E 1229



E/-1231



E/-1223



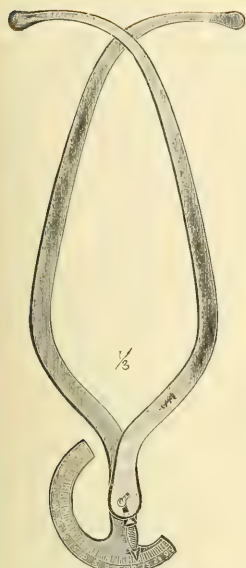
E 1235

### Pelvimeters

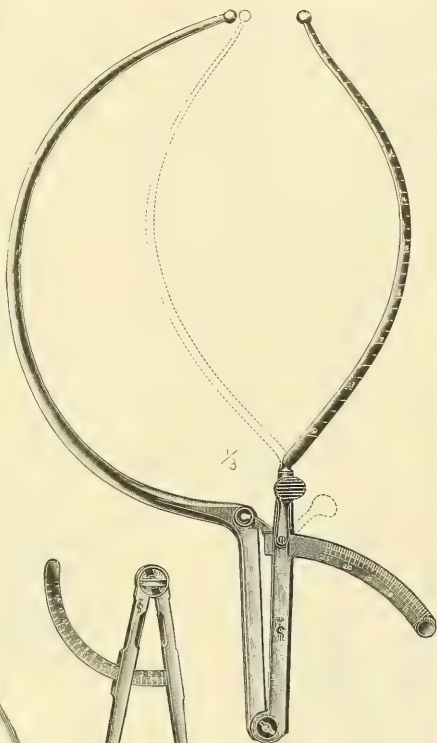
(Continued)

	Each
E/-1223 Collin's Pelvimeter, steel, graduated in centimeters.....	\$ 4.00
E/-1229 Collyer's Pelvimeter, steel, graduated in centimeters and inches..	2.75
E/-1231 Collyer's Pelvimeter, modified; steel, graduated in centimeters and inches.....	2.75
E/-1235 Collyer's Pelvimeter, bronze, graduated in centimeters and inches.	1.85

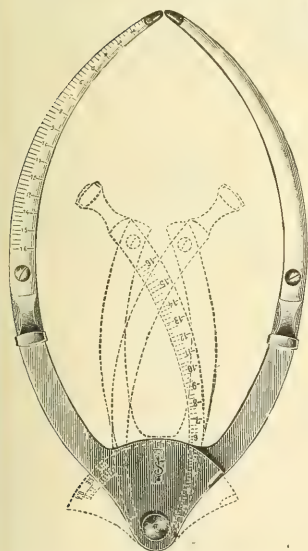




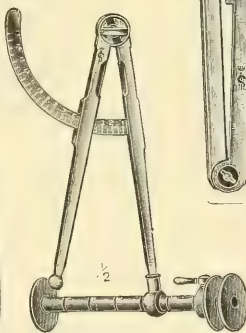
E/-1241



E/ 1250



E/-1257

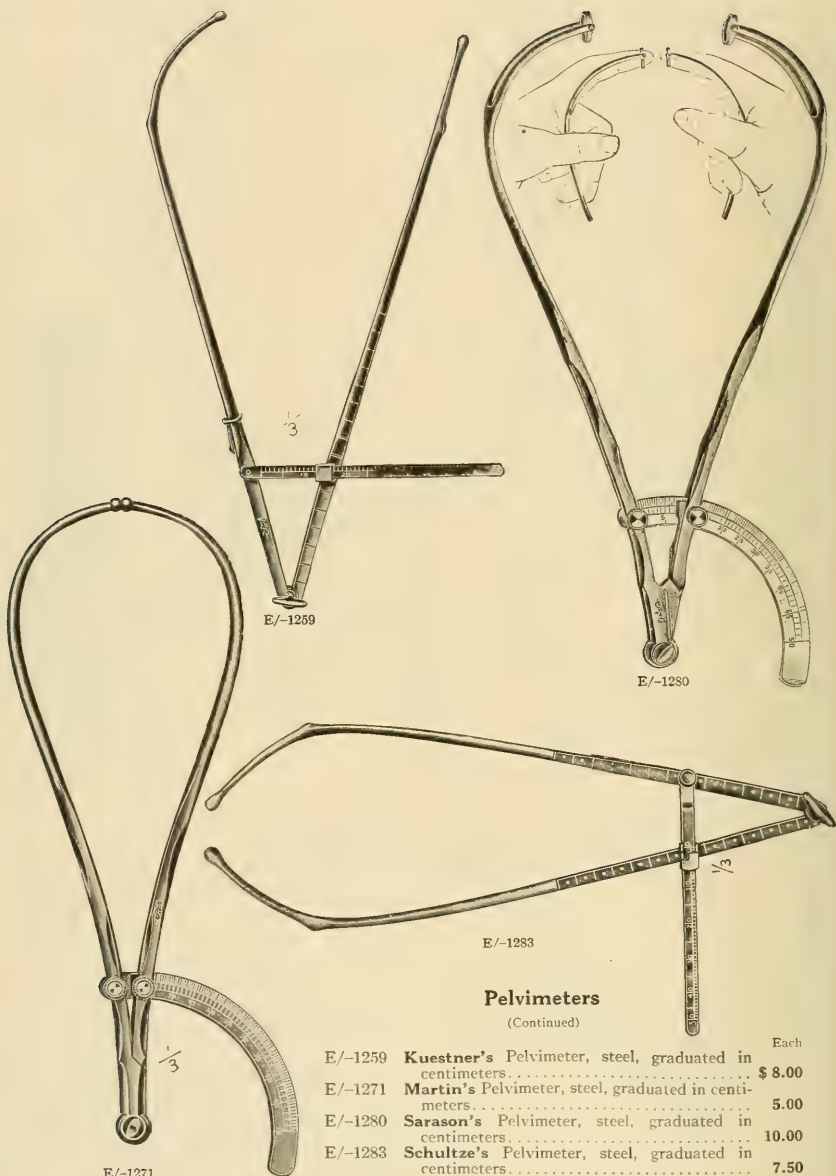


E/ 1256

## Pelvimeters

(Continued)

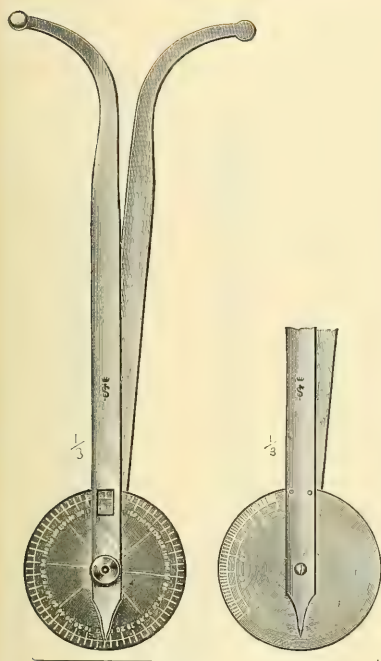
	Each
E/-1241 Credé's Pelvimeter, steel, graduated in centimeters.....	\$ 6.00
E/-1250 Jacobson's Pelvimeter, steel, with graduated leather strap, graduated in centimeters.....	20.00
E/-1256 Klien's Pelvimeter, graduated in centimeters.....	10.00
E/-1257 Kny-Scheerer Co.'s Pelvimeter, folding, graduated in centimeters.....	10.00



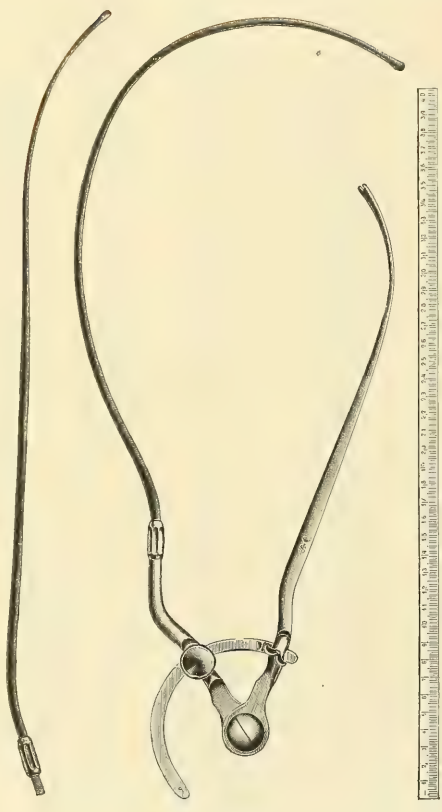
### Pelvimeters

(Continued)

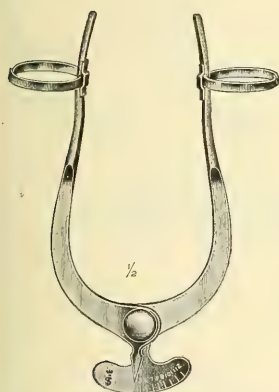
	Each
E/-1259 Kuestner's Pelvimeter, steel, graduated in centimeters.....	\$ 8.00
E/-1271 Martin's Pelvimeter, steel, graduated in centimeters.....	5.00
E/-1280 Sarason's Pelvimeter, steel, graduated in centimeters.....	10.00
E/-1283 Schultze's Pelvimeter, steel, graduated in centimeters.....	7.50



E/-1347



E/-1343

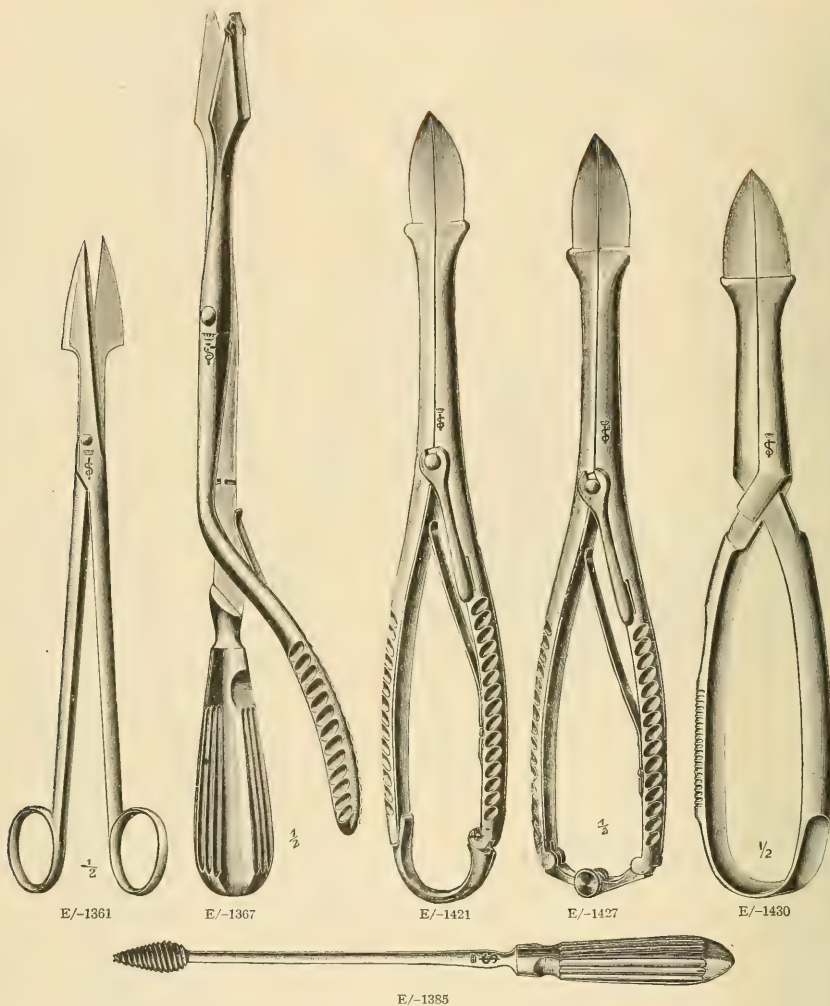


E/-1350

## Pelvimeters

(Continued)

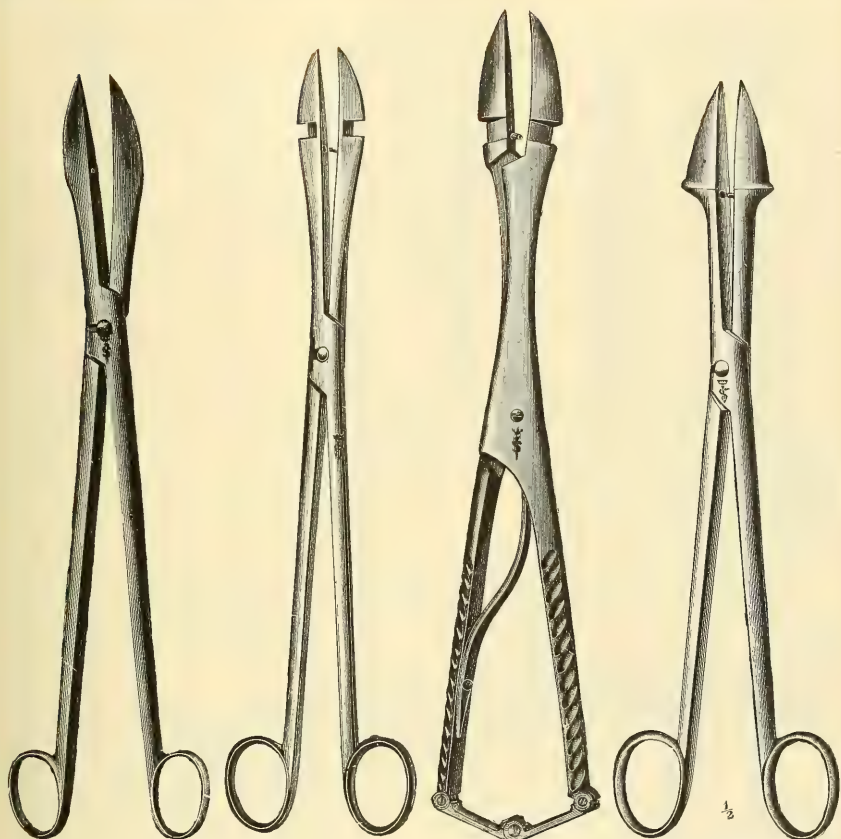
- |         |  |                 |
|---------|--|-----------------|
| E/-1343 | <b>Skutsch's Pelvimeter</b> , steel, for into-external measurements, with one rigid steel and two block tin arms to unscrew, and one metal rule, graduated in centimeters..... | Each<br>\$12.00 |
| E/-1347 | <b>Thoele's Pelvimeter</b> , combined with protractor, graduated in centimeters.....   | 5.50            |
| E/-1350 | <b>Williams' Pelvimeter</b> , steel, for mensuration of transverse diameters, graduated in centimeters.....  | 4.00            |



### Perforators

	Each
E/-1361 Bedford's Perforator.....	\$ 2.00
E/-1367 Blot's Perforator.....	5.00
E/-1385 Championnière's Perforator.....	4.50
E/-1421 Naegele's Perforator, with snap catch.....	3.50
E/-1427 Naegele's Perforator, with articulated snap catch.....	4.00
E/-1430 Neu's Perforator, made of one piece.....	4.50



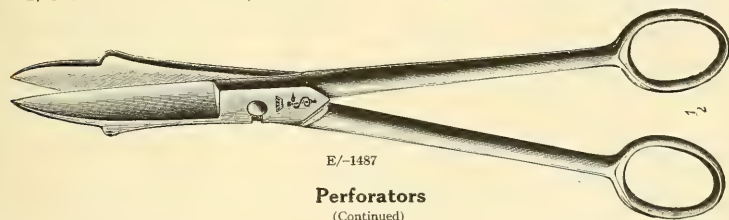


E/-1457

E/-1463

E/-1469

E/-1481

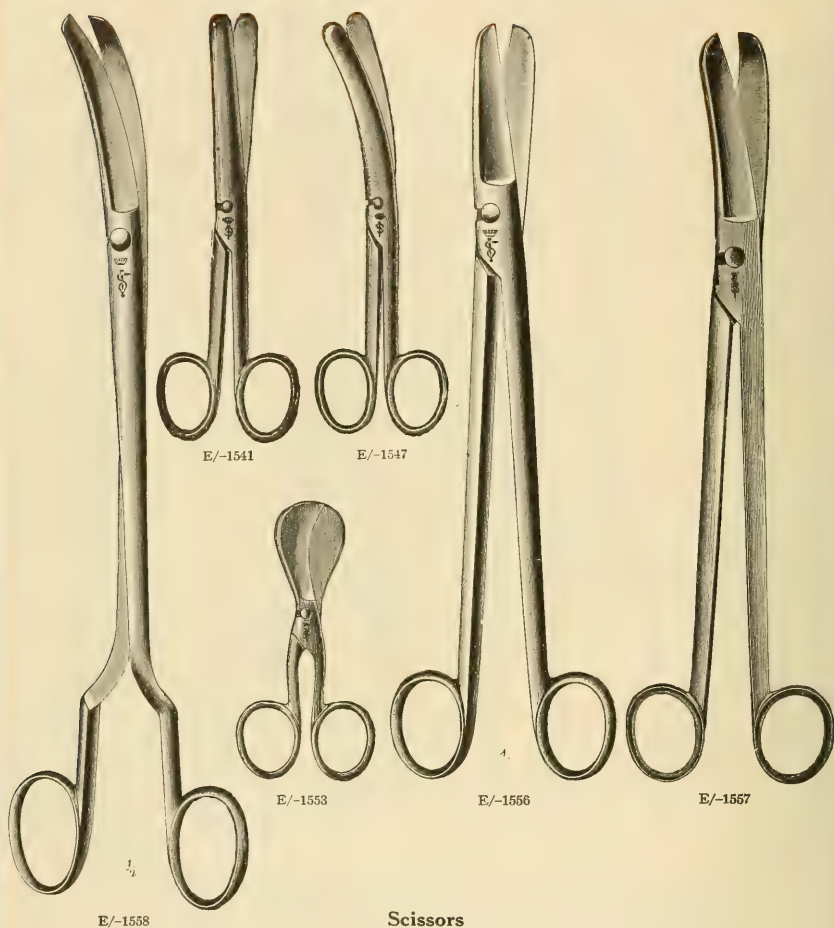


E/-1487

### Perforators

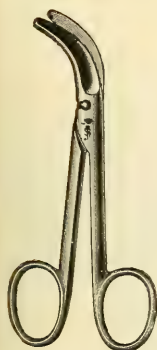
(Continued)

E/-1457	Siebold's Perforator	Each
E/-1463	Simpson's Perforator, American pattern	\$ 2.50
E/-1469	Simpson's Perforator, English pattern	2.50
E/-1481	Smellie's Perforator, American pattern	6.00
E/-1487	Smellie's Perforator, French pattern	2.25
		2.50

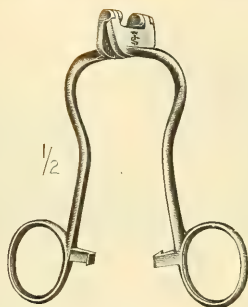


Scissors

	Each
E/-1541 Plain Umbilical Scissors, straight, $6\frac{1}{4}$ inches. ....	\$ 1.25
E/-1547 Plain Umbilical Scissors, curved, $6\frac{1}{4}$ inches. ....	1.25
E/-1553 American Pattern Umbilical Scissors, $4\frac{1}{4}$ inches. ....	1.00
E/-1556 Dubois' Decapitating Scissors, straight, $10\frac{7}{8}$ inches. ....	3.00
E/-1557 Dubois' Decapitating Scissors, curved, $10\frac{7}{8}$ inches. ....	3.25
E/-1558 Dubois' Decapitating Scissors, curved, extra long, 12 inches, modified by Pinard. ....	4.00



E/-1565



E/ 1575



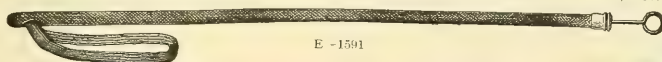
E, -1583



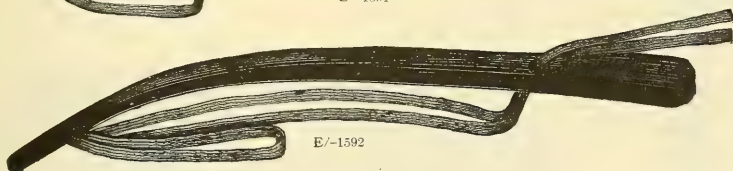
E/-1579



E/-1587



E -1591



E/-1592

## Scissors

(Continued)

E/-1565 **Lazarewitsch's Umbilical Scissors**..... Each \$ 1.50

## Funis Clamps

E/-1575 **Jagerow's Omphalotribe**, for crushing umbilical cord..... 5.00

E/-1579 **Pulling's Funis Clamp**, for constant pressure on umbilical cord to prevent hæmorrhage..... .40

## Nipple Clamp

E/-1583 **Lennhoff's Nipple Clamp**, to prevent loss of milk and to create properly shaped nipples..... .75

## Air Inflators

E/-1587 **Ribemont's Air Inflator**, for semi-asphyxia..... 3.50

## Cord Carriers

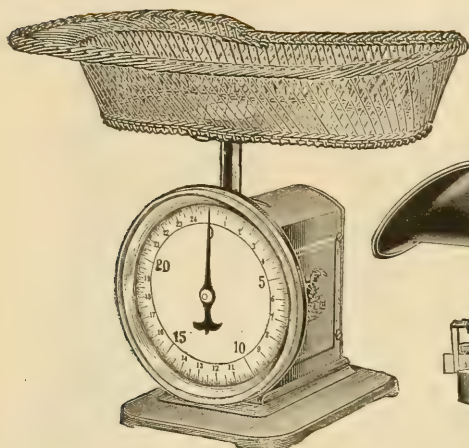
E/-1591 **Braun's Cord Carrier**, gum elastic..... .75

E/-1592 **Braun's Cord Carrier**, hard rubber, heavy..... 2.00

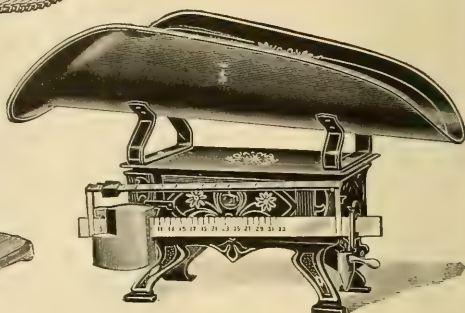
E/-1596 **Schoeller's Cord Carrier**, hard rubber..... 3.50



E/-1596



E/-1602



P.-2827-28



E/-1600



E-1605

### Baby Scales

	Each
E/-1600 Baby Scale, pocket style, capacity 15 pounds . . . . .	\$ .50
E/-1602 Baby Scale, for family use, capacity 25 pounds . . . . .	8.00
E/-1605 Moffett's Measuring Trough, for babies, polished hardwood, graduated in inches and centimeters . . . . .	10.50
P/-2827 Baby Scale, with sliding balance, capacity up to 35 pounds . . . . .	18.00
P-2828 Baby Scale, with sliding balance, capacity up to 15 kilos . . . . .	18.00





E/-1650



E/-1653



E/-1656



E/-1659

### Obstetric Bags

- E/-1650 Obstetric Bag, Plain Style, made of black seal grain cowhide, lined with smooth black leather, adjustable straps with 5 bottles, leather-covered frame and brass nickel-plated trimmings.
- |                     |         |      |      |      |      |      |
|---------------------|---------|------|------|------|------|------|
| Length, inches..... | 12      | 14   | 15   | 16   | 17   | 18   |
| Each.....           | \$ 4.50 | 4.75 | 5.00 | 5.25 | 5.50 | 5.75 |
- E/-1653 Obstetric Bag, Cabin Style, made of black seal grain cowhide, with leather lining, adjustable straps with 5 bottles and loops for instruments, leather-covered frame and nickel-plated trimmings.
- |                     |         |      |      |      |      |      |
|---------------------|---------|------|------|------|------|------|
| Length, inches..... | 12      | 14   | 15   | 16   | 17   | 18   |
| Each.....           | \$ 6.00 | 6.50 | 6.75 | 7.00 | 7.25 | 7.50 |
- E/-1656 Obstetric Bag, English Style, made of best quality soft pliable cowhide, leather lined, leather-covered frame and brass nickel-plated trimmings, 7½ inches high and 4 inches wide.
- |                     |          |       |       |
|---------------------|----------|-------|-------|
| Length, inches..... | 15       | 16    | 17    |
| Each.....           | \$ 11.00 | 11.50 | 12.00 |
- E/-1659 Obstetric Bag, Club Style, made of best quality black oil-tanned sole leather with raw edged seams on ends. Lined with heavy tan leather, leather-covered frame, brass trimmings and loops for instruments.
- |   |      |         |
|---|------|---------|
| 15 inches long, 8 inches high, 6½ inches wide.....                    | Each | \$10.00 |
| 16 inches long, 8½ inches high, 7 inches wide.....                    |      | 10.50   |
| 17 inches long, 9 inches high, 7½ inches wide.....                    |      | 11.00   |
| Pad with 6 glass-stoppered, metal screw capped bottles for above..... |      | 1.65    |



E/-1663-64



E/-1668-70



E/-1674



E/-1677

### Obstetric Bags

(Continued)

E/-1663	Obstetric Bag (Boston Bag), made of best quality extra heavy hand-boarded tan bag leather with reinforced ends, leather lined.	Each
		\$ 9.50
		10.00
		10.50
E/-1664	Obstetric Bag (Boston Bag), same as above, but made of genuine imported pigskin.	
		10.75
		11.25
		11.75
E/-1668	Obstetric Bag, made of best quality black walrus grained cowhide, leather lined, leather-covered frame and brass trimmings. This bag has compartment for sterilizer and loops for instruments. Dimensions, 17 inches long, 11 inches high and 6½ inches wide.	13.50
		7.50
E/-1670	Copper Sterilizer, 16 inches long, 3¼ inches high and 6 inches wide, for above, extra.	7.50
E/-1674	Obstetric Bag, Club Style, made of best quality of black oil tanned sole leather, hand-sewed English frame, raw edged on end and solid brass cast trimmings.	
		13.50
		14.00
E/-1677	Obstetric Bag, Club Style, made of best quality of seal grain cowhide, hand-sewed English frame, raw edged on end and solid cast brass trimmings.	
		15.00
		15.75
		1.65



E/-1683



E/-1686



E/-1693



E/-1696



E/-1688

## Obstetric Bags

(Continued)

		Each
E/-1683	Obstetric Bag, Club Style, made of best quality heavy black oil-tanned sole leather, hand-sewed English frame, raw edged seam on end and solid cast brass trimmings. 16 inches long, 9½ inches high, 7½ inches wide. ....	\$ 16.50
	17 inches long, 10 inches high, 8 inches wide. ....	17.00
E/-1686	Obstetric Bag, Club Style, made of best quality seal grained cowhide, riveted steel frame and brass trimmings. Upper compartment has loops for instruments and is leather lined. Lower compartment for sterilizer, and is cloth lined. ....	14.00
E/-1688	Copper Sterilizer, 16 inches long, 6 inches high and 3¼ inches wide, for above. ....	10.50

## Emergency Bags

E/-1693	Emergency Bag, Club Style, made of best quality walrus grained cowhide, hand-sewed reinforced corners, hand-sewed English frame and brass trimmings. 16 inches long, 11 inches high, 8½ inches wide. ....	18.00
	17 inches long, 11½ inches high, 9 inches wide. ....	19.00
E/-1696	Emergency Bag, Club Style, made of best extra heavy black sole leather, hand-sewed reinforced edges, hand-sewed leather-covered frame and double handles, solid cast brass trimmings and adjustable strap loops for 11 bottles; large pocket for sundries. 17 inches long, 11½ inches high, 9½ inches wide. ....	21.00
	Paid with 6 glass-stoppered, metal screw capped bottles for above bags. ....	1.65



E/-1705



E/-1708



E/-1716



E/-1718

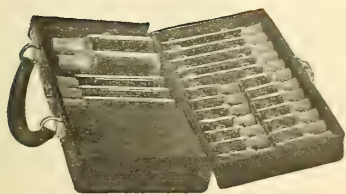
### Nurses' Bags

- E/-1705 Nurses' Bag, made of best quality cowhide seal, hand stitched, raw edges and leather lined; loops for bottles and instruments. Each  
14 inches long, 5  $\frac{1}{4}$  inches high, 3  $\frac{3}{8}$  inches wide. \$ 5.30
- E/-1708 Nurses' Bag, made of best quality cowhide seal, hand stitched, raw edges and detachable canvas lining; loops for bottles and instruments.  
13  $\frac{1}{2}$  inches long, 7 inches high, 5  $\frac{1}{2}$  inches wide. 8.00

### Pocket Vial Cases

- E/-1716 Pocket Vial Case, single fold, made of best Magellan seal and lined with best grade of pocket-book leather.
- |                               | Corked<br>vials | Screw cap<br>vials |
|-------------------------------|-----------------|--------------------|
| With 6—2 dram vials. . . . .  | \$ 1.80         | \$ 2.00            |
| With 12—2 dram vials. . . . . | 2.20            | 2.40               |
| With 10—3 dram vials. . . . . | 2.35            | 2.55               |
| With 12—3 dram vials. . . . . | 2.60            | 2.80               |
| With 8—4 dram vials. . . . .  | 2.35            | 2.55               |
| With 10—4 dram vials. . . . . | 2.60            | 2.80               |
| With 12—4 dram vials. . . . . | 2.90            | 3.10               |
| With 12—6 dram vials. . . . . | 3.90            | 4.30               |
- E/-1718 Pocket Vial Case, double fold, made of best Magellan seal and lined with best grade of pocket-book leather.
- |                               | Corked<br>vials | Screw cap<br>vials |
|-------------------------------|-----------------|--------------------|
| With 20—2 dram vials. . . . . | \$ 3.30         | \$ 3.60            |
| With 20—3 dram vials. . . . . | 3.65            | 4.00               |
| With 24—3 dram vials. . . . . | 4.00            | 4.35               |
| With 20—4 dram vials. . . . . | 4.00            | 4.35               |
| With 24—4 dram vials. . . . . | 4.35            | 4.70               |

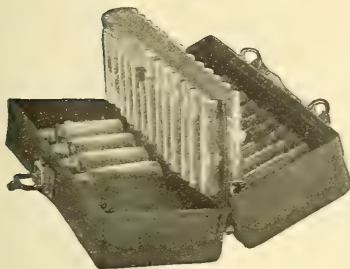




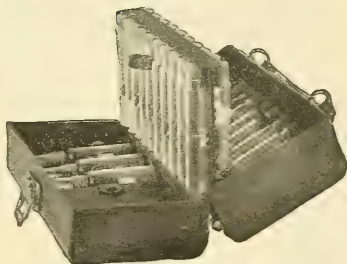
E-1725



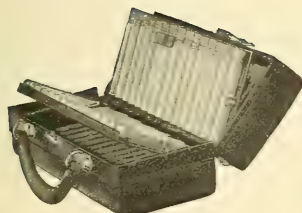
E-1728



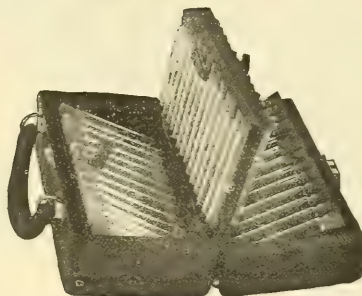
E-1732



E-1735



E-1737



E-1740

### Medicine Cases

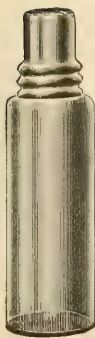
		Each
E/-1725	Medicine Case, made of the best quality oil tanned black sole leather, hand-sewed corners, waterproof cloth lining and metal springs for holding bottles. Contents: 14-3 dram, 7-7 dram and 2-2 ounce glass-stoppered, metal screw capped bottles. 11½ inches long, 6 inches high and 2¾ inches wide.....	\$ 7.50
E/-1728	Medicine Case, made of solid oil tanned sole leather, hand-stitched edges, leather lined and safety lock. Contents: 22-4 dram, 12-2 dram corked vials and 4-1 ounce glass-stoppered, metal screw capped bottles. 11 inches long, 4¾ inches high and 3¼ inches wide.....	9.70
E/-1732	Medicine Case, made of solid sole leather, hand-stitched edges, cloth lined and hinged center partition. Contents: 11-7 dram, 12-2 dram, 20-4 dram corked vials and 4-1½ ounce glass-stoppered, metal screw capped bottles. 11 inches long, 5 inches high and 4¼ inches wide.....	11.00
E/-1735	Medicine Case, made of solid sole leather, hand-sewed edges, cloth lined and safety lock. Contents: 20-3 dram, 20-7 dram corked vials and 3-1½ ounce glass-stoppered, metal screw capped bottles. 9½ inches long, 5¼ inches high and 4¼ inches wide.....	11.00
E/-1737	Medicine Case, made of solid sole leather, hand-stitched edges, cloth lined and safety lock and springs. Contents: 26-5 dram and 30-4 dram corked vials. 11 inches long, 5 inches high and 4¼ inches wide.....	10.50
E/-1740	Medicine Case, made of wood, seal grain cowhide covered, hinged center partition and rounded corners. Contents: 28-3 dram and 26-4½ dram corked vials. Loops for instruments and space for sundries on underside of bottle tray. 10½ inches long, 5¼ inches high and 4½ inches wide.....	9.00



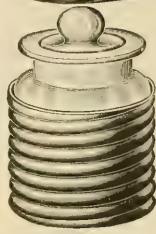
E/-1789-92



E/-1770-72



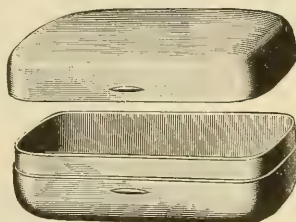
E/-1780-85



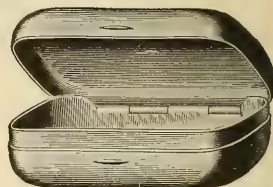
E/-1806



E/-1808



E/-1820



E/-1822-24



E/-1800-01

## Bottles

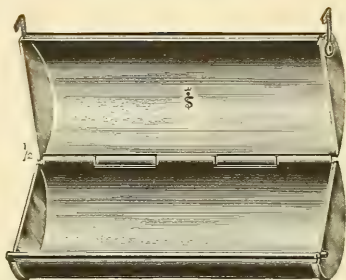
		Dozen
E/-1770	Glass Bottle, glass-stoppered, wide mouth, 1½ ounces.....	\$ 2.10
E/-1771	Glass Bottle, glass-stoppered, wide mouth, 2 ounces.....	2.25
E/-1772	Glass Bottle, glass-stoppered, wide mouth, 4 ounces.....	2.75
E/-1780	Glass Bottle, glass-stoppered, with metal screw cap, 1 ounce.....	2.40
E/-1781	Glass Bottle, glass-stoppered, with metal screw cap, 1½ ounces.....	2.50
E/-1782	Glass Bottle, glass-stoppered, with metal screw cap, 2 ounces.....	3.00
E/-1783	Glass Bottle, glass-stoppered, with metal screw cap, 4 ounces.....	3.75
E/-1784	Glass Bottle, glass-stoppered, with metal screw cap, 6 ounces.....	4.50
E/-1785	Glass Bottle, glass-stoppered, with metal screw cap, 8 ounces.....	5.00
E/-1789	Glass Bottle, glass-stoppered, in metal screw case, ¾ ounce.....	Each .70
E/-1790	Glass Bottle, glass-stoppered, in metal screw case, 1¼ ounces.....	.75
E/-1791	Glass Bottle, glass-stoppered, in metal screw case, 2 ounces.....	.85
E/-1792	Glass Bottle, glass-stoppered, in metal screw case, 4 ounces.....	1.10
E/-1800	Glass Ointment Jar, glass-stoppered, in metal screw case, 1 ounce.....	.75
E/-1801	Glass Ointment Jar, glass-stoppered, in metal screw case, 2 ounces.....	.85
E/-1806	Glass Ointment Jar, glass-stoppered, in metal screw case, 3½ ounces.....	1.35
E/-1808	Glass Ointment Jar, glass-stoppered, in metal screw case, 3½ ounces.....	1.35

## Soap Boxes

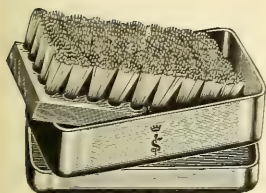
E/-1820	Soap Box, seamless metal, plain cover, 3¼ x 2¼ x 1¼ inches .....	.40
E/-1822	Soap Box, seamless metal, hinged cover, 3¼ x 2¼ x 1¼ inches .....	.50
E/-1823	Soap Box, seamless metal, hinged cover, 3½ x 2½ x 1½ inches .....	.50
E/-1824	Soap Box, seamless metal, hinged cover, 4 x 2¾ x 1½ inches .....	.75



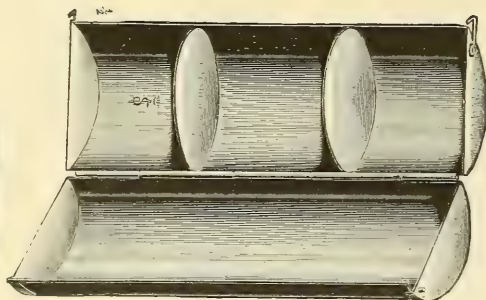
E/-1828



E/-1842



E/-1833-34



E/-1844



E/-1837

### Soap Boxes

(Continued)

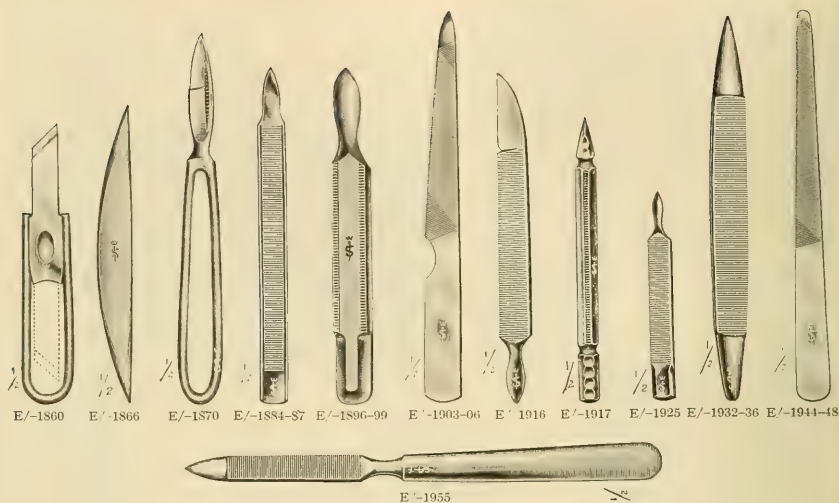
	Each
E/-1828 Soap Box, seamless pure nickel, oblong, plain cover, $3\frac{1}{4} \times 1\frac{3}{4} \times \frac{7}{8}$ inches. ....	\$ 1.10

### Brush Boxes

E/-1833 Nail Brush Box, seamless metal, $3\frac{1}{4} \times 1\frac{3}{4} \times \frac{7}{8}$ inches, without brush. ....	.50
E/-1834 Nail Brush Box, seamless metal, $4\frac{7}{8} \times 1\frac{1}{2} \times 1\frac{1}{8}$ inches, without brush. ....	.60
E/-1837 Nail Brush Box, seamless metal, $4\frac{1}{8} \times 1\frac{3}{8} \times 1\frac{1}{8}$ inches, without brush. ....	.50

### Bandage Boxes

E/-1842 Bandage Box, metal, for 4-inch bandage. ....	2.00
E/-1844 Bandage Box, metal, suitable for 3 bandages, $1\frac{1}{4}$ , $1\frac{3}{4}$ and 2 inches wide. ....	2.35



### Nail Cleaners

	Each
E/-1860 <b>Braatz's</b> Nail Cleaner, folding . . . . .	\$ .50
E/-1866 <b>Hahn's</b> Nail Cleaner, double-ended . . . . .	.25
E/-1870 Heavy Nail Cleaner, knife shape . . . . .	.60

### Nail Files

E/-1884 Aesculapius Pattern Nail File, 2½ inches . . . . .	.20
E/-1885 Aesculapius Pattern Nail File, 3¼ inches . . . . .	.25
E/-1886 Aesculapius Pattern Nail File, 4 inches . . . . .	.30
E/-1887 Aesculapius Pattern Nail File, 4¾ inches . . . . .	.35
E/-1896 French Pattern Nail File, 3 inches . . . . .	.25
E/-1897 French Pattern Nail File, 3½ inches . . . . .	.30
E/-1898 French Pattern Nail File, 4 inches . . . . .	.35
E/-1899 French Pattern Nail File, 4¾ inches . . . . .	.40
E/-1903 French Pattern Nail File, knife shape, 4 inches . . . . .	.20
E/-1904 French Pattern Nail File, knife shape, 4½ inches . . . . .	.25
E/-1905 French Pattern Nail File, knife shape, 5 inches . . . . .	.30
E/-1906 French Pattern Nail File, knife shape, 5½ inches . . . . .	.35
E/-1916 <b>Kny-Scheerer Co.'s</b> Nail File, with knife and cleaner . . . . .	.40
E/-1917 <b>Kny-Scheerer Co.'s</b> Nail File, fine pattern . . . . .	.30
E/-1925 Military Nail File, short . . . . .	.30
E/-1932 Plain Nail File, 2½ inches . . . . .	.25
E/-1933 Plain Nail File, 3¼ inches . . . . .	.30
E/-1934 Plain Nail File, 4 inches . . . . .	.35
E/-1935 Plain Nail File, 4¾ inches . . . . .	.40
E/-1936 Plain Nail File, 5½ inches . . . . .	.45
E/-1944 Ribbon Nail File, flexible, 3½ inches . . . . .	.15
E/-1945 Ribbon Nail File, flexible, 4 inches . . . . .	.20
E/-1946 Ribbon Nail File, flexible, 4½ inches . . . . .	.25
E/-1947 Ribbon Nail File, flexible, 5 inches . . . . .	.30
E/-1948 Ribbon Nail File, flexible, 5½ inches . . . . .	.35
E/-1955 <b>Turnbull's</b> Nail File, with hollow metal handle . . . . .	1.00

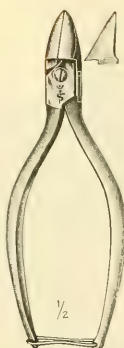




E/-1962



E/-1964



E/-1968



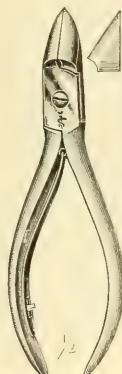
E/-1969



E/-1971



E/-1976



E/-1980



E/-1981



E/-1984



E/-1990

### Nail Nippers

	Each
E/-1962 Plain Nail Nipper, concave blade, bowed handle.....	\$ 1.60
E/-1964 Plain Nail Nipper, concave blade, straight handle.....	1.50
E/-1968 Plain Nail Nipper, with concealed spring, straight blade.....	1.50
E/-1969 Plain Nail Nipper, with concealed spring, concave blade.....	1.50
E/-1971 Plain Nail Nipper, with concealed spring, concave blade, with chip guard.....	1.75
E/-1976 French Pattern Nail Nipper, concave blade.....	2.50
E/-1980 Kny-Scheerer Co.'s Nail Nipper, straight blade.....	2.00
E/-1981 Kny-Scheerer Co.'s Nail Nipper, concave blade.....	2.00
E/-1984 Kny-Scheerer Co.'s Nail Nipper, concave blade, with catch.....	2.25
E/-1990 Shea's Nail Nipper, concave blade.....	2.25



E/-1996



E/-2005



E/-2010



E/-2013



E/-2018



E/-2030-32



E/-2036-38



E/-2047-50



E/-2053-56

### Nail Nippers

(Continued)

	Each
E/-1996 <b>Turnbull's Nail Nipper</b> .....	\$ 2.00

### Cuticle Nippers

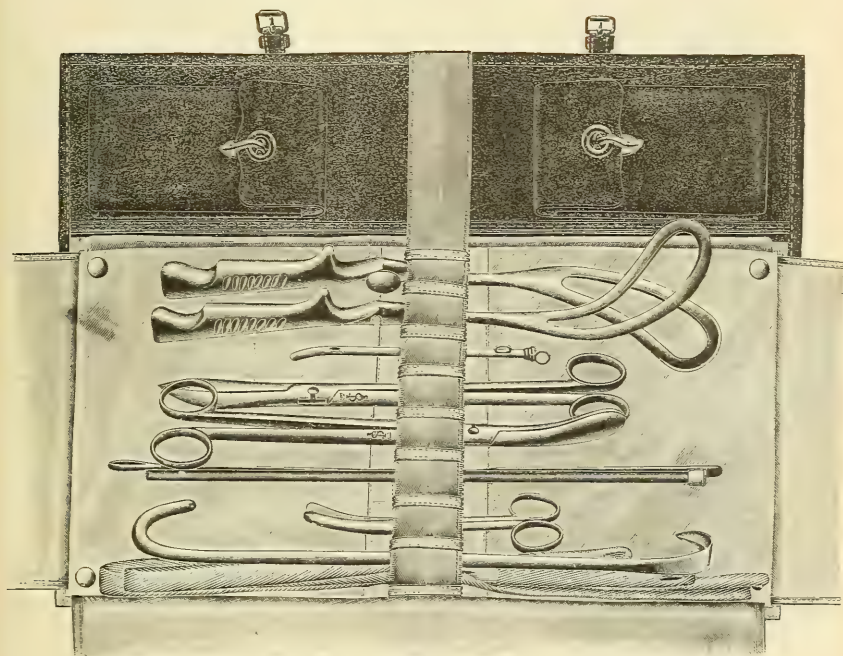
E/-2005 Plain Cuticle Nipper, with concealed spring, convex blade.....	1.50
E/-2010 French Pattern Cuticle Nipper, convex blade.....	2.50
E/-2013 French Pattern Cuticle Nipper, without lock.....	2.00
E/-2018 <b>Kny-Scheerer Co.'s</b> Cuticle Nipper, without lock.....	2.00

### Cuticle Scissors

E/-2030 Cuticle Scissors, oval shank, 3 inches.....	.75
E/-2031 Cuticle Scissors, oval shank, 3½ inches.....	.80
E/-2032 Cuticle Scissors, oval shank, 4 inches.....	.85
E/-2036 Cuticle Scissors, hexagonal shank, 3 inches.....	.75
E/-2037 Cuticle Scissors, hexagonal shank, 3½ inches.....	.80
E/-2038 Cuticle Scissors, hexagonal shank, 4 inches.....	.85

### Nail Scissors

E/-2047 Nail Scissors, straight, 3 inches.....	.40
E/-2048 Nail Scissors, straight, 3½ inches.....	.45
E/-2049 Nail Scissors, straight, 4 inches.....	.50
E/-2050 Nail Scissors, straight, 4½ inches.....	.55
E/-2053 Nail Scissors, curved, 3 inches.....	.60
E/-2054 Nail Scissors, curved, 3½ inches.....	.65
E/-2055 Nail Scissors, curved, 4 inches.....	.70
E/-2056 Nail Scissors, curved, 4½ inches.....	.75



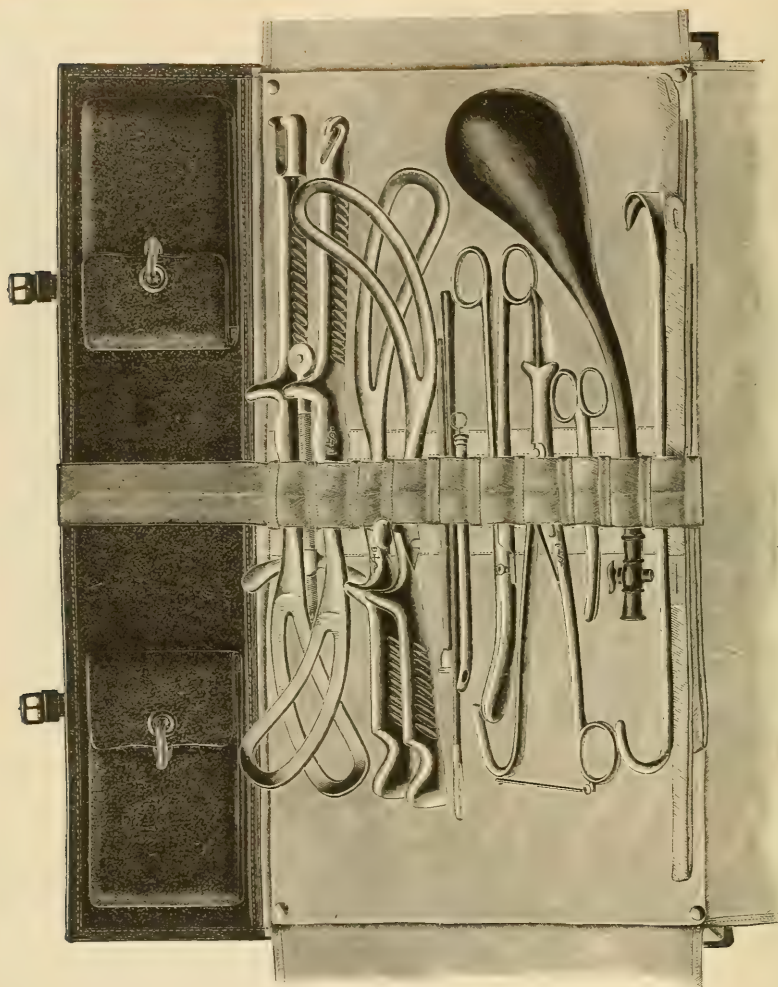
E/-2100

### Obstetric Sets

E/-2100 Small Obstetric Set, in leather roll, with detachable canvas lining..... Each  
\$ 26.00

#### Contents:

- |                                  |                         |
|----------------------------------|-------------------------|
| 1 Naegle's Obstetric Forceps     | 1 Female Catheter       |
| 1 Siebold's Perforator           | 1 Inflating Catheter    |
| 1 Boer's Craniotomy Forceps      | 1 Umbilical Scissors    |
| 1 Busch's Blunt Hook and Crochet | 2 Umbilical Tapes, silk |



E/-2102

### Obstetric Sets

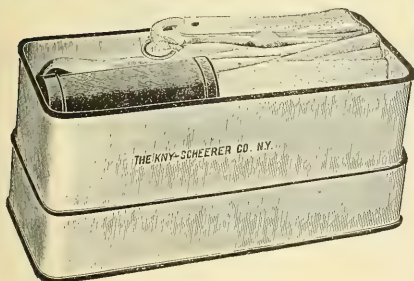
(Continued)

E/-2102 Large Obstetric Set, in leather roll, with detachable canvas lining. . . . . Each \$ 44.50

#### Contents:

- |                                  |                         |
|----------------------------------|-------------------------|
| 1 Naegele's Obstetric Forceps    | 1 Martin's Cord Carrier |
| 1 Breisky's Cephalotribe         | 1 Umbilical Scissors    |
| 1 Busch's Perforator             | 1 Female Catheter       |
| 1 Boer's Craniotomy Forceps      | 1 Inflating Catheter    |
| 1 Busch's Blunt Hook and Crochet | 1 Braun's Colpeurynter  |
| 2 Umbilical Tapes, silk          |                         |





E/-2106

### Obstetric Sets

E/-2106 **Dr. J. Clifton Edgar's Aseptic Obstetric Case and Sterilizer**, combined, consisting of 2 trays (16¾ x 8 x 6 inches and 17¾ x 8¾ x 3½ inches) of white enameled steel porcelain, 1 canvas tray for sundries, 7 canvas bags for sundries and 13 bottles and vials, with outside telescope leather case. . . . . **\$ 22.50** Each

#### The Large Steel Porcelain Tray will Carry

- |   |   |
|---|---|
| 1 Operating Gown                                  | 1 Schroeder's Vulsellum Forceps                 |
| 1 Kelly Pad                                       | 1 Bozeman's Dressing Forceps                    |
| 1 Kelly-Robb's Canvas Lithotomy Sling             | 1 Mathieu-Kersten's Needle Holder, 6¾ inches    |
| 1 Four-quart Sterile Douche Bag (pinned in towel) | 1 Collin's Tongue Forceps                       |
| 1 Metal Box, containing:                          | 1 Elliott's Obstetric Forceps (pinned in towel) |
| 1 Bozeman's Glass Douche                          | 1 Pound Sterile Cotton                          |
| 1 Vaginal Glass Douche                            | 5 Yards of Plain Gauze                          |
| 1 Female Glass Catheter                           | 1 Yard of 5 per cent. Iodoform Gauze            |
| 1 Elastic Catheter                                | 2 Nail Brushes                                  |

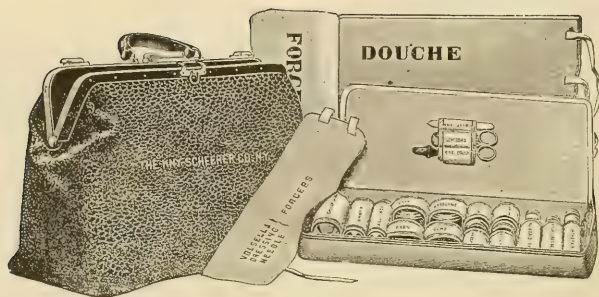
#### The Small Steel Porcelain Tray will Carry

- |   |  |
|---|--|
| 1 Canvas Tray with receptacles for:     | Sterile Tape for Cord                                      |
| Green Soap (sterile)                    | 1 Tube of Sterilized Silk                                  |
| Vaseline (sterile)                      | 1 Tube of Sterilized Gut Ligature, threaded with needle    |
| Gauze Eye Sponges                       | 1 Soft Rubber Catheter in Glass Tube                       |
| Gauze Cord Dressing (sterile)           | 1 Umbilical Scissors                                       |
| Chloroform                              | 1 Medicine Dropper   |
| Ergot                                   | 1 Nail Cleaner   |
| Acetic Acid (99.5 per cent.)            | 1 Safety Razor   |
| Sublimate Tablets                       | 12 Safety Pins   |
| Fine Boric Acid (sterile)               | 5 Yards of Sterile Gauze Bandage, 3 inches wide, for sling |
| Normal Saline Powders                   | 1 George's Baby Scale                                      |
| Silver-Nitrate Solution (one per cent.) |  |

The small tray can also be used to immerse the hands and forearm in sublimate solution, or as a sterilizer to boil forceps before using same.

The large tray is to be used also as a bath for asphyxiated infants.

The above case, complete with instruments and sundries. . . . . **\$ 57.00**



E/-2108

## Obstetric Sets

(Continued)

E/-2108 **Dr. J. Clifton Edgar's** Obstetric Bag of leather, 18 x 8 x 10 inches, containing 1 canvas tray for sundries, 7 canvas bags for sundry instruments and 13 bottles and vials. Contents of each bag marked in heavy letters with indelible ink. . . . . **\$ 16.50** Each

### Contents of Case:

One canvas tray with receptacles for—  
 Green soap (sterile)  
 Vaseline (sterile)  
 Gauze eye sponges  
 Gauze cord dressing (sterile)  
 Chloroform  
 Ergot  
 Acetic acid (99.5 per cent.)  
 Sublimite tablets  
 Fine boric acid  
 Normal saline powders  
 Silver nitrate solution (1 per cent.)  
 Tape for cord (sterile)  
 Sterile silk, gut ligature and needle  
 Soft rubber catheter  
 Umbilical scissors

Medicine dropper  
 Nail cleaner  
 Safety razor  
 English catheter with stylet  
 12 safety pins  
 Sterile gauze bandage for sling  
 Baby scale

### Seven canvas bags marked:

1. "Forceps"
2. "Douche bag"
3. "Kelly's pad"
4. "Uterine dressing, volsella and needle forceps"
5. "Nail brushes"
6. "Operating gown"
7. "Lithotomy sling"

The above set with instruments and drugs, complete. . . . . **\$ 43.00**

It is intended that these articles be either sterilized in the physician's office before being taken to a case of confinement, or, with the exception of the gown, boiled in the original canvas tray as wanted, at the house of the patient.

An appropriate tin is provided for sterile cotton and plain gauze, and a metal receptacle for glass vaginal and uterine tubes and catheters.

The bag ready for use weighs 16 pounds.

THE KNY-SCHAEFER



E/-2110

### Obstetric Sets

(Continued)

E/-2110 **Schreus' Obstetric Set**, in aseptic metal case, with sterilizing tray and heavy canvas carrying case and leather strap; size 20 x 9 x 6 inches.....

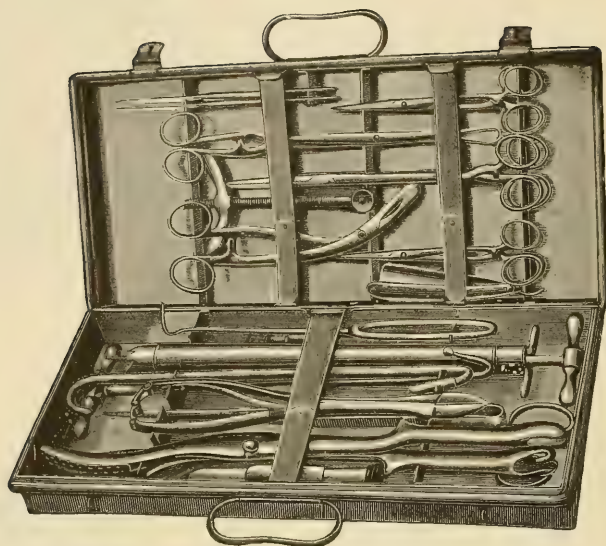
Each

\$ 100.00

#### Contents:

- |                                  |                                   |                                     |
|----------------------------------|-----------------------------------|-------------------------------------|
| 1 Naegele's Obstetric Forceps    | 1 Schroeder's Vulsellum Forceps   | 1 Braun's Colpeurynter              |
| 1 Siebold's Perforator           | 1 Sims' Uterine Sound             | 1 Tube Boro-Glycerine               |
| 1 Langenbeck's Needle Holder     | 1 Dissecting Forceps              | 2 Nail Brushes                      |
| 1 Boer's Craniotomy Forceps      | 1 Tenaculum Forceps               | 1 Bottle Sublimate Tablets          |
| 1 Busch's Blunt Hook and Crochet | 1 Scalpel, probe pointed          | 2 Bottles Silk Sutures              |
| 1 Busch's Cord Carrier           | 1 Bergmann's Artery Forceps       | 4 Fine-needle Needles, in metal box |
| 2 Umbilical Tapes, silk          | 1 Schimmelbusch's Mask            | 1 Fountain Syringe                  |
| 1 Female Catheter                | 1 Esmarch's Drop Bottle           | 1 Irrigator, soft rubber            |
| 1 Inflating Catheter             | 1 Bottle, labelled "carboic acid" | 1 Stopcock with 2 tips              |
| 1 Umbilical Scissors             | 1 Bottle, labelled "chloroform"   | 1 Vaginal Tube, hard rubber         |
| 1 Martin's Pelvimeter            | 1 Bottle, labelled "morphia"      | 1 Rectal Tube, hard rubber          |
| 1 Auvar's Cranioclast            | 1 Bottle, labelled "ergotine"     | 1 Hypodermatic Syringe              |
| 1 Recamier's Uterine Curette     | 1 Bottle, labelled "ether"        | 1 Package Absorbent Cotton          |
| 1 Curved Polypus Forceps         |                                   | 1 Package Iodoform Gauze            |





E/-2112

## Obstetric Sets

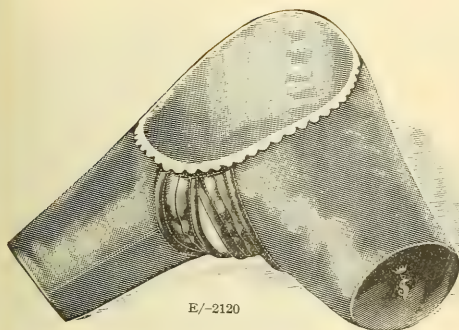
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E/-2112 Craniotomy Set, in aseptic metal case with canvas carrying pouch; size 16 x 7 $\frac{1}{2}$  x 2 $\frac{1}{4}$  inches. . . Each **\$ 80.00**

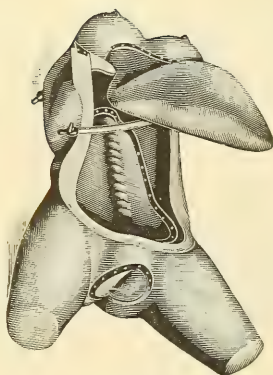
### Contents:

- |   |                                    |
|---|------------------------------------|
| 1 Braun's Cranioclast                                 | 1 Walcher's Dressing Forceps       |
| 1 Naegele's Perforator                                | 1 Schroeder's Vulsellum Forceps    |
| 1 Walcher's Perforator                                | 1 Winter's Rubber Ligature Forceps |
| 1 Mesnard's Craniotomy Forceps                        | 1 Deschamps' Aneurism Needle       |
| 1 Martin's Blunt Hook and Crochet                     | 1 Razor, aseptic                   |
| 1 Braun's Decapitating Hook                           | 1 Scalpel                          |
| 1 Dubois' Cephalotomy Scissors                        | 1 Scalpel, probe pointed           |
| 4 Pean's Hysterectomy Forceps, 6 $\frac{1}{4}$ inches | 1 Bottle, silk ligatures           |
| 2 Pean's Hysterectomy Forceps, 9 $\frac{1}{2}$ inches | 1 Bottle, catgut ligatures         |

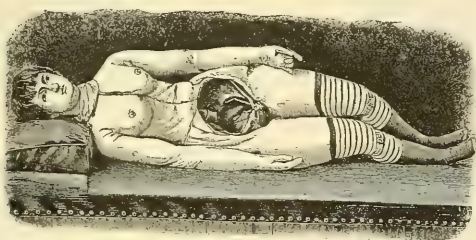




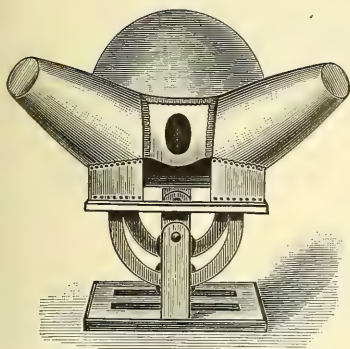
E/-2120



E/-2124



E/-2128



E/-2131

### Obstetric Phantoms

	Each
E/-2120 Plain Pattern Phantom, with foetus	Net \$40.00
E/-2124 Budin and Pinard's Phantom, with foetus	Net 150.00
E/-2128 Edgar's Phantom, complete leather-covered figure, without foetus	Net 200.00
E/-2131 Schultze's Phantom, chamois covered, without foetus	Net 75.00



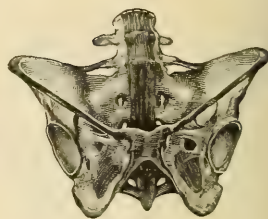
E/-2146



E/-2138



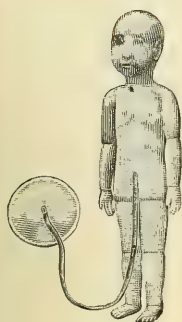
E/-2148



E/-2140

# Pelvis

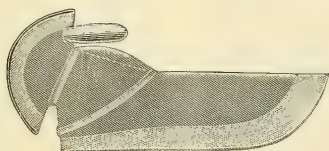
	Each
E/-2138 Natural Pelvis, without ligaments.	\$ 8.00
E/-2140 Natural Pelvis, with artificial ligaments.	12.00
E/-2146 Edgar's Pelvis, bronze, adjustable, mounted on heavy iron tripod.	Net 50.00
E/-2148 Edgar's Pelvis, aluminum, mounted on blackboard and tripod.	Net 50.00



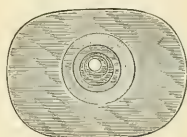
E/-2154-56



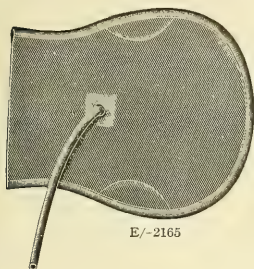
E/-2160



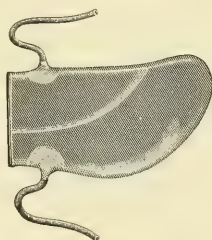
E/-2164



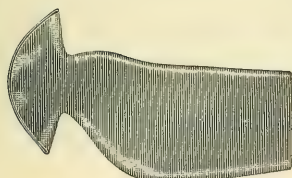
E/-2173



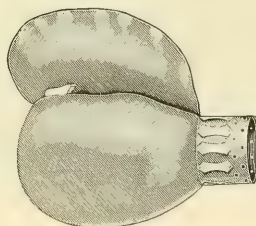
E/-2165



E/-2166



E/-2167



E/-2170

### Fœtus

E/-2154	French Pattern Artificial Fœtus, leather covered, with compressible head.....	Each	Net \$ 20.00
E/-2165	Schultze's Artificial Fœtus, chamois covered.....	Net	16.50
E/-2160	Natural Foetal Skull.....		3.50

### Accessories

E/-2164	Vulva with Perineum, soft rubber, for Budin and Pinard's Phantom.....	10.00
E/-2165	Abdomen, soft rubber, for Budin and Pinard's Phantom.....	10.00
E/-2166	Bladder and Uterus, soft rubber, inflatable, for Budin and Pinard's Phantom.....	8.50
E/-2167	Labia and Vagina, soft rubber, Deshayes', for Budin and Pinard's Phantom.....	10.00
E/-2170	Winckel's Uterus, soft rubber.....	9.00
E/-2173	Schultze's Set of 5 Perforated Discs, soft rubber, for practising touch.....	6.00



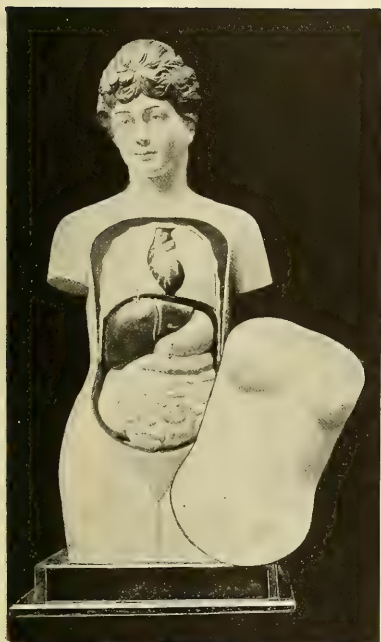
NS-2035

### Papier Maché Models

NS-2035 Model of Female Figure, life size, standing on polished pedestal. Especially recommended for Training Schools of Nurses..... Each \$ 500.00

This model shows on the right outer side the superficial muscles and main arteries. By means of a transverse and sagittal section, the head can be separated into three parts. Thereby the nasal cavity, the septum, the larynx, a section of the larynx and the spinal cord are visible and the brain which may be separated into its principal parts is removable. On removal of the anterior thoracic and abdominal wall the internal organs are exposed. These can all be removed separately; the two lungs, the heart dissectible, the diaphragm, the liver, the stomach with pancreas, the spleen, the small and large intestine and the uterus with bladder. In the thoracic, abdominal and pelvic cavities, the arteries, veins and nerves are shown; the mammary gland is dissectible. The urinary apparatus is also brought into view. The model was prepared with the greatest of care after an exhaustive study of the natural specimens.





NS/-2308



NS/-2497

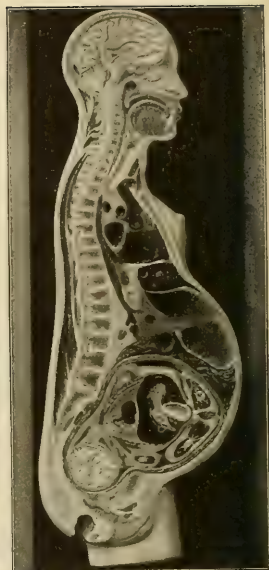
### Papier Maché Models

(Continued)

- |  | Each                 |
|--|----------------------|
| NS/-2308 Female Trunk (torso), natural size, with head. Thoracic, abdominal and pelvic viscera removable and dissectible.....  | \$ 82.50             |
| NS/-2497 Vertical section through the genitals of a frozen female body.....  | 7.50                 |
| *NS/-2039 Model of a Woman, same size and attitude as the Venus de Medici (N. S/-2035) showing the superficial muscles, veins, arteries, internal and external generative organs. The anterior wall of the abdomen is detachable, exposing all the organs in the thoracic and abdominal cavities, including the organs of generation, muscles, nerves, arteries, veins. Viscera removable separately (Dr. Auzoux). (Not illustrated) ..... | Price on application |



NS/-2500 Models 1 to 5



NS/-2500 Model 6



NS/-2501

### Papier Maché Models

(Continued)

NS/-2500 Six models representing pregnancy, according to original models of the Gynecological Clinic of Berlin:

	Each
No. 1 Uterus with foetus in the first month of pregnancy.....	\$ 7.50
No. 2 Uterus with foetus in the second month of pregnancy.....	10.00
No. 3 Uterus with foetus in the third month of pregnancy.....	12.50
No. 4 Uterus with foetus in the fourth month of pregnancy.....	17.50
No. 5 Section of uterus with foetus in the fifth month of pregnancy.....	17.50
No. 6 Section of woman with foetus in the fifth month of pregnancy.....	45.00
Entire collection.....	100.00

NS/-2501 Sexual organs of a woman, with dismountable uterus ..... 16.50

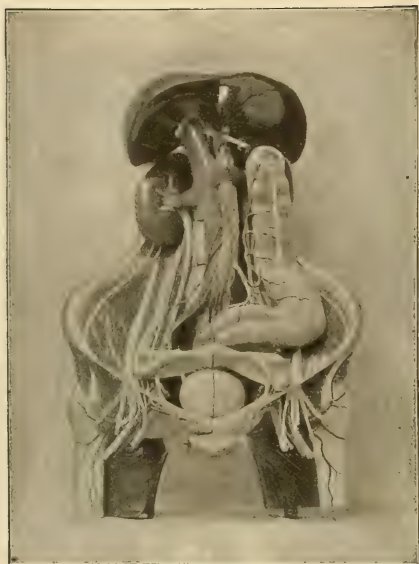


NS/-2503

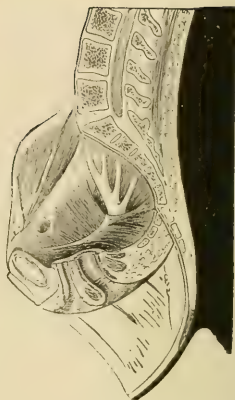
### Papier Maché Models

(Continued)

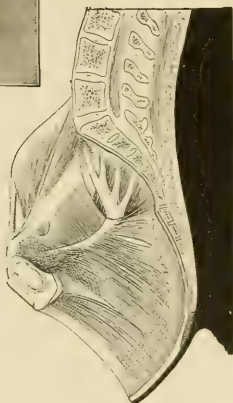
	Each
NS/-2503 Female Sexual Organs, dismountable, with 2 models of uterus, showing pregnant state.....	\$ 80.00



NS/-2514



NS -2525A



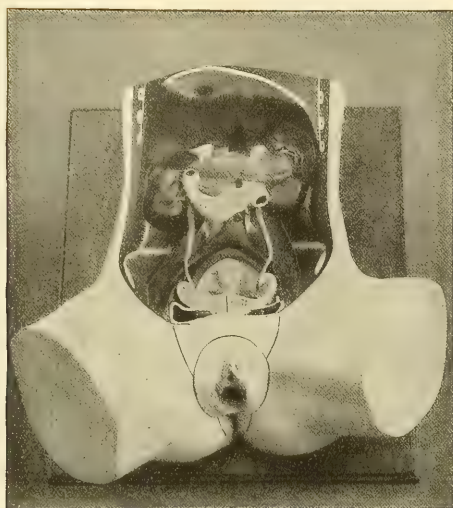
NS -2525B

## Papier Maché Models

(Continued)

	Each
*NS/-2505 Female Sexual Organs in wax; perfect execution.....	\$ 38.00
NS/-2514 Female Pelvis with all the vessels, muscles and nerves in natural size; dissectible; organs of the genito urinary apparatus are shown in detail.....	100.00
NS/-2525A Muscular system of the female pelvis during labor, dissected from within; also arranged for inserting the muscles of the female pelvis in a state of rest, according to Prof. Sellheim..	20.00
NS -2525B Muscular system of the female pelvis during labor, prepared from without, mounted on rods with base, showing the presentation of head in its sub-occipital frontal plane emerging at the vaginal orifice, according to Prof. Sellheim.....	20.00





NS/-2526

### Papier Maché Models

(Continued)

Each

- NS/-2526 Female Pelvis, with all pelvic and abdominal organs, showing internal and external genitals, adaptable for demonstration of palpation, catheterization and douching. Especially recommended for Training Schools of Nurses. . . . . \$ 75.00

### Wall Charts

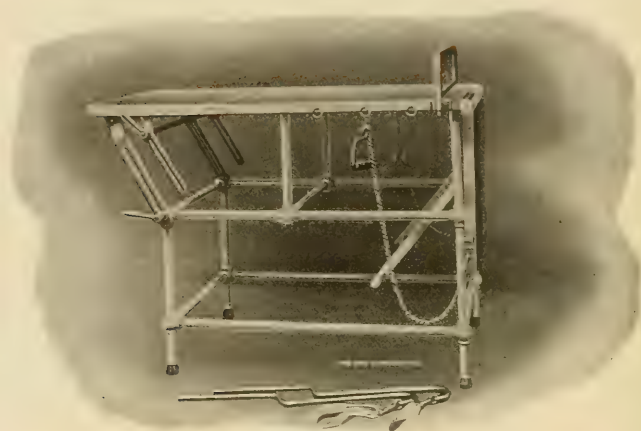
\*Auvard and Levy's Charts, for demonstration in Gynecology, set of 50, mounted on linen with rollers; 51 inches long x 40 inches wide.

Mounted . . . . .	3.00
Unmounted . . . . .	2.00
Complete set, mounted . . . . .	125.00
Complete set, unmounted . . . . .	75.00

\*Paul Zweifel's "Obstetric Operations;" set of 30 Obstetric Charts, mounted on linen with metal rods.

Complete set, mounted . . . . .	30.00
Complete set, unmounted . . . . .	20.00

List and description of above charts sent upon application



S/-1211-12

### Obstetric Delivery and Operating Table

(DR. GEO. L. BRODHEAD'S PATTERN)

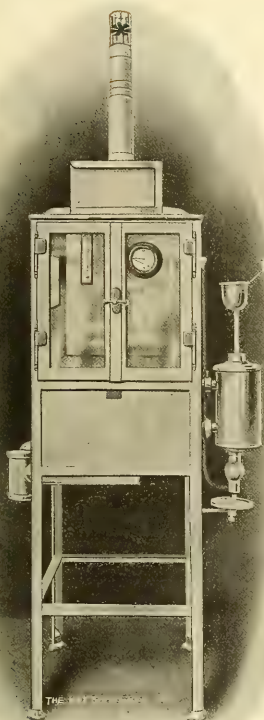
This table is especially designed for the comfort and convenience of patient and surgeon.

The frame is strongly constructed of tubular wrought iron, fitted with an extra wide top. The head end of the table may be adjusted to any angle, and the Trendelenburg posture can be quickly obtained when required for the after treatment of post partum hemorrhage. When the foot end is dropped back, the heavy rod which connects the legs at the foot of the table serves as a brace for the surgeon when making traction with the forceps.

The table is equipped with a pair of heavy nickel-plated leg holders, foot brace, adjustable handles with chains, for traction and wrist cuffs, and furnished with extra heavy rubber floor tips

Dimensions: 72 inches long, 24 inches wide, 36 inches high.

	Each
S/-1211 Top of nicalloy, base white enameled.....	\$ 135.00
Packing.....	2.00
S/-1212 Top of steel, white enameled and baked.....	100.00
Packing.....	2.00



S/-2906



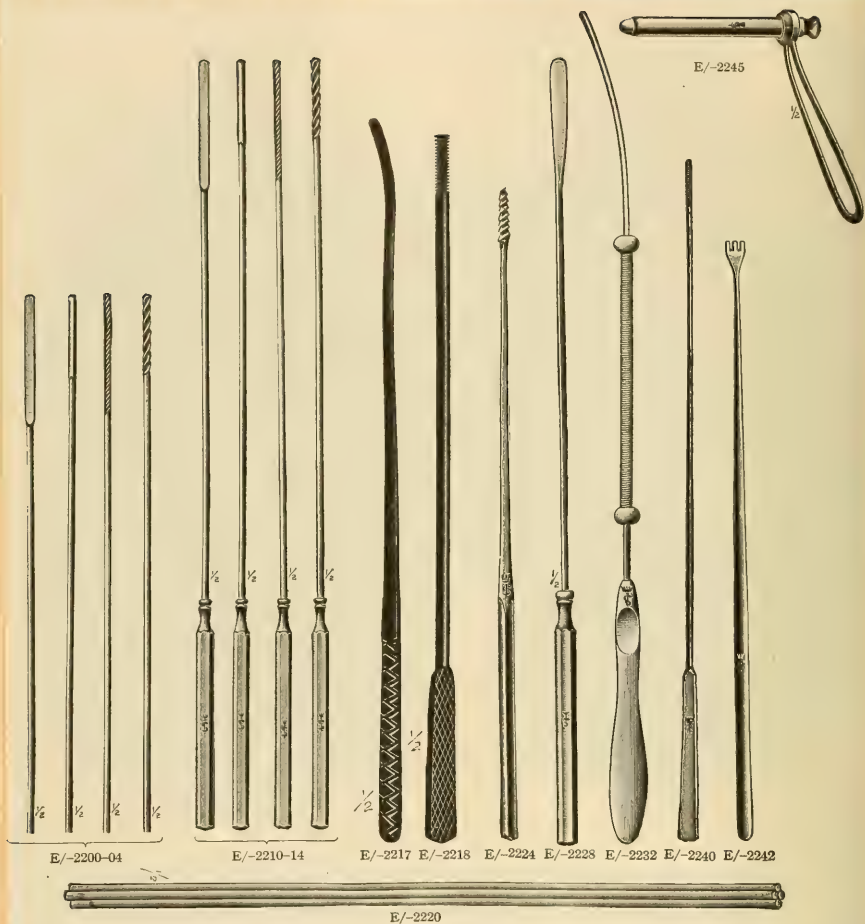
S/-2910

### Incubators for Prematurely Born Children

The Ideal Infant Incubator, constructed of steel, aluminized, fitted with beveled plate glass in the doors and side window. The heat of the chamber is maintained at any given temperature by a reliable thermostat. A hygrometer records the atmospheric conditions of the chamber. The air supplied to the infant is filtered and heated on its admission to the chamber. A revolving fan wheel in the flue indicates the constant circulation of the air through the chamber.

	Each
S/-2906 Apparatus gas heated.....	\$ 160.00
*S/-2908 Apparatus heated by petroleum.....	170.00
S/-2910 Apparatus heated by electricity.....	180.00

These apparatus may be rented for emergencies. We are prepared to ship promptly upon receipt of orders.

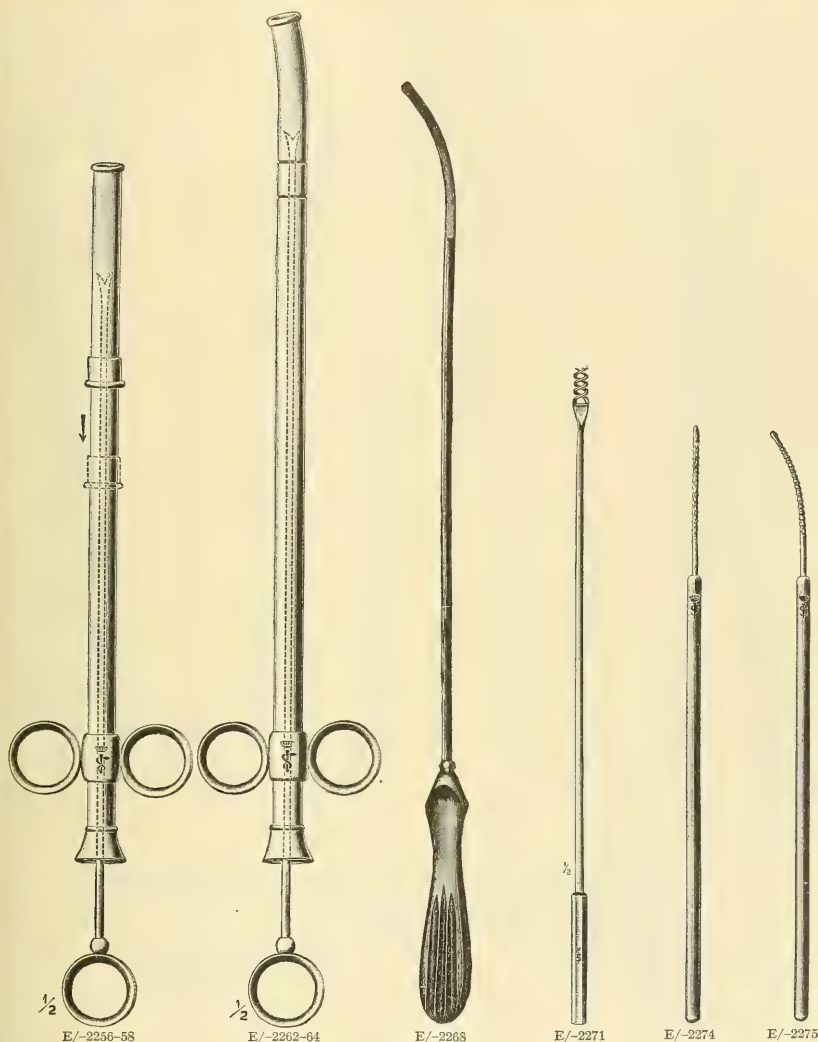


E/-2220

### Applicators

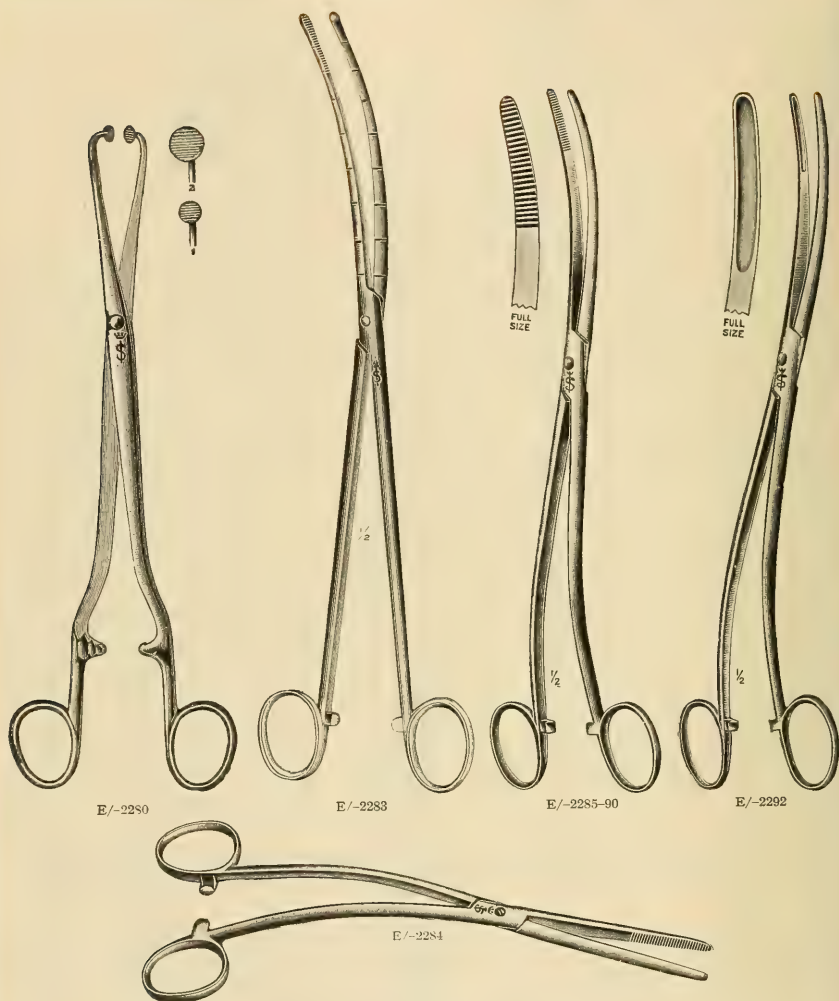
	Each
E/-2200 Plain Applicator, without handle, plated, 4 styles, flat, triangular, rough and spiral ends. . . . .	\$ .10
E/-2202 Plain Applicator, without handle, aluminum, 4 styles, flat, triangular, rough and spiral ends. . . . .	.10
E/-2204 Plain Applicator, without handle, silver, 4 styles, flat, triangular, rough and spiral ends. . . . .	.75
E/-2210 Plain Applicator, with handle, plated, 4 styles, flat, triangular, rough and spiral ends. . . . .	.15
E/-2212 Plain Applicator, with handle, aluminum, 4 styles, flat, triangular, rough and spiral ends. . . . .	.15
E/-2214 Plain Applicator, with handle, silver, 4 styles, flat, triangular, rough and spiral ends. . . . .	1.00
E/-2217 Plain Applicator, all hard rubber, flat end. . . . .	.25
E/-2218 Plain Applicator, all hard rubber, spiral end. . . . .	.35
E/-2220 Plain Applicator, wooden, 500 in bundle. . . . .	1.25
E/-2224 Collin's Applicator. . . . .	.50
E/-2228 Dawson's Applicator. . . . .	.50
E/-2232 Emmett's Applicator, with sliding spiral for sponge tents. . . . .	.50
E/-2240 Kelly's Applicator. . . . .	.50
E/-2242 Kelly's Cotton Packer. . . . .	.50
E/-2245 Lewis' Cocaine Tablet Depositor. . . . .	2.50





### Applicators (Continued)

		Each
E/-2256	"Rapid" Gauze Packer, straight, 8 inches long, 6 mm. diameter.....	\$ 1.50
E/-2257	"Rapid" Gauze Packer, straight, 9 $\frac{1}{4}$ inches long, 10 mm. diameter.....	1.60
E/-2258	"Rapid" Gauze Packer, straight, 11 $\frac{1}{4}$ inches long, 15 mm. diameter.....	1.75
E/-2262	"Rapid" Gauze Packer, curved, 8 inches long, 6 mm. diameter.....	1.50
E/-2263	"Rapid" Gauze Packer, curved, 9 $\frac{1}{4}$ inches long, 10 mm. diameter.....	1.60
E/-2264	"Rapid" Gauze Packer, curved, 11 $\frac{1}{4}$ inches long, 15 mm. diameter.....	1.75
E/-2268	Saenger's Applicator.....	\$ 1.00
E/-2271	Sims' Applicator, double spiral.....	.60
E/-2274	Spiegelberg's Applicator, aluminum, straight.....	.90
E/-2275	Spiegelberg's Applicator, aluminum, curved.....	.90

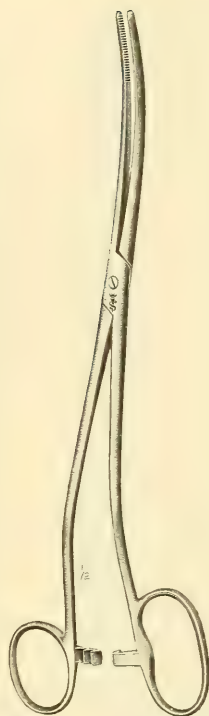


### Dressing Forceps

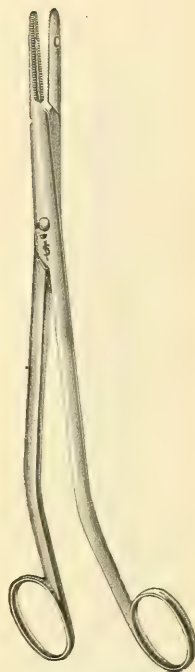
	Each
E/-2280 Abel's Dressing Forceps, 2 sizes of blades.....	\$ 2.50
E/-2283 Bainbridge's Dressing Forceps, graduated in centimeters.....	3.00
E/-2284 Barrett's Packing Forceps.....	1.50
E/-2285 Bozeman's Dressing Forceps, serrated jaws, 10 inches.....	1.35
E/-2289 Bozeman's Dressing Forceps, serrated jaws, 11 inches.....	1.50
E/-2290 Bozeman's Dressing Forceps, serrated jaws, 12 inches.....	1.60
E/-2292 Bozeman's Dressing Forceps, grooved jaws, 10 inches.....	1.50



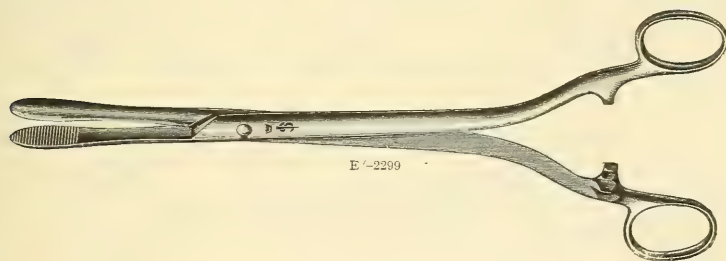
E/-2294



E/-2295



E/-2297

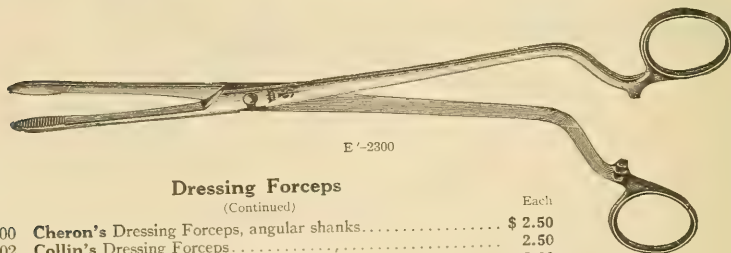
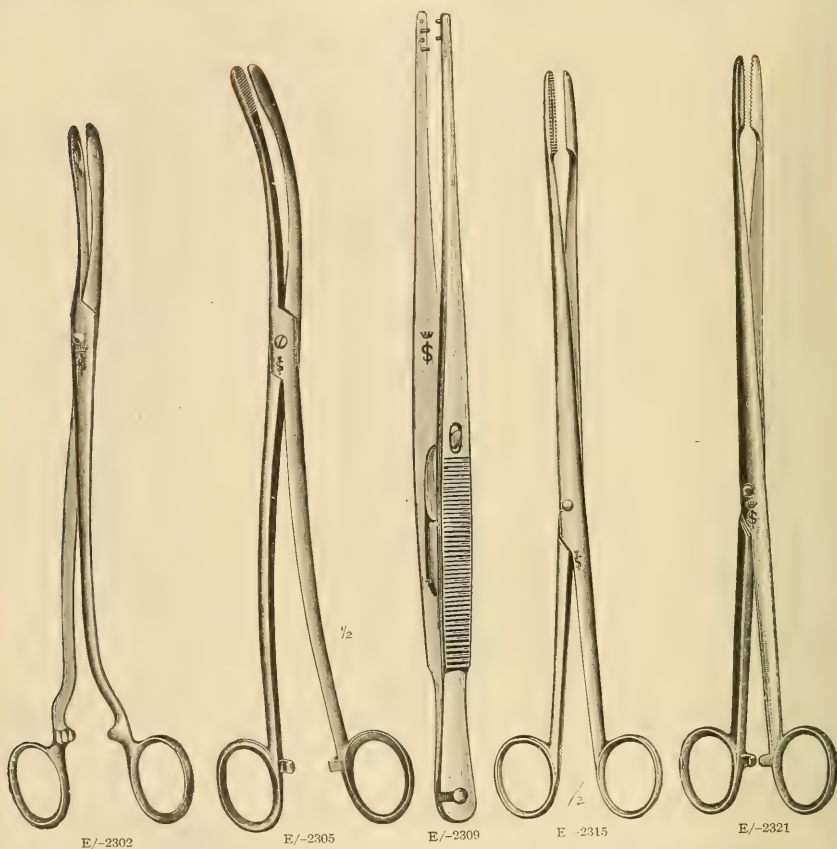


E/-2299

### Dressing Forceps

(Continued)

	Each
E/-2294 Bozeman's Dressing Forceps, smooth jaws.....	\$ 1.50
E/-2295 Bozeman's Dressing Forceps, improved, with one large ring.....	1.50
E/-2297 Byford's Dressing Forceps.....	1.50
E/-2299 Cheron's Dressing Forceps, straight.....	2.25

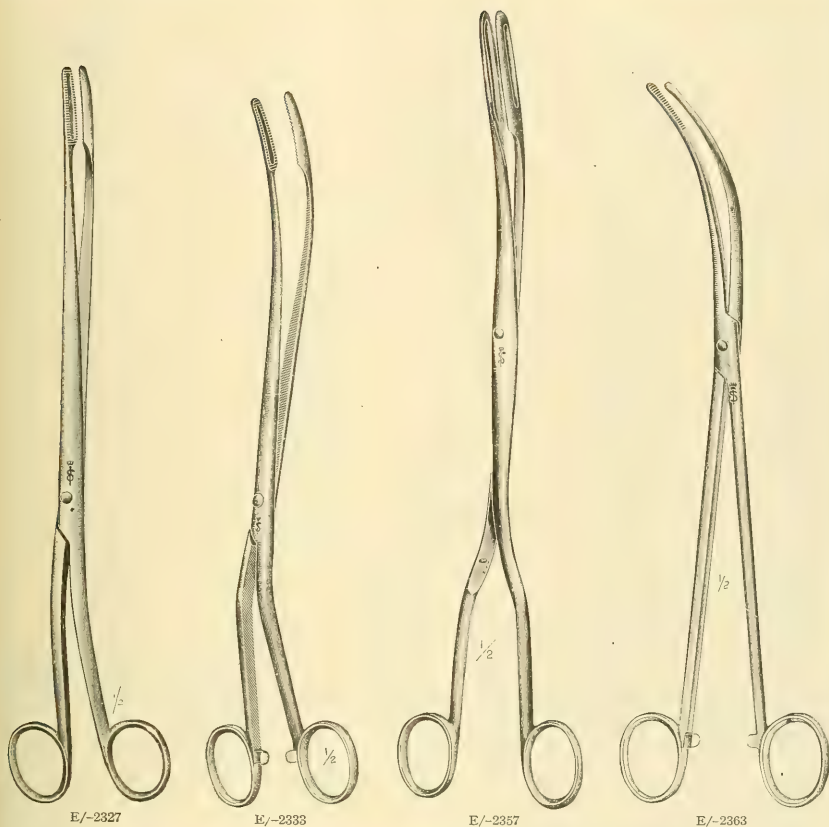


### Dressing Forceps

(Continued)

	Each	
E/-2300	\$ 2.50	Cheron's Dressing Forceps, angular shanks.....
E/-2302	2.50	Collin's Dressing Forceps.....
E/-2305	2.00	De Lee's Dressing Forceps, extra heavy.....
E/-2309	2.50	Duehrssen's Dressing Forceps, pincer shape.....
E/-2315		Elliott's Dressing Forceps, straight.....
E/-2321	1.50	Elliott's Dressing Forceps, straight, with catch.....
	1.60	

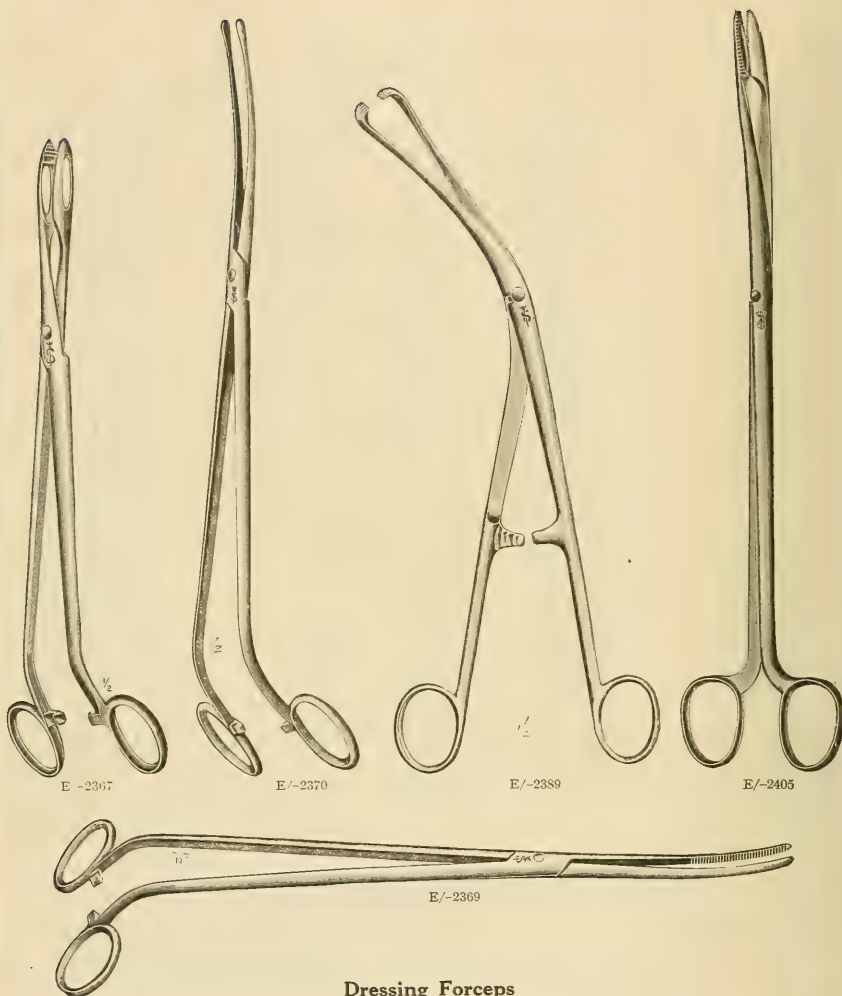




### Dressing Forceps

(Continued)

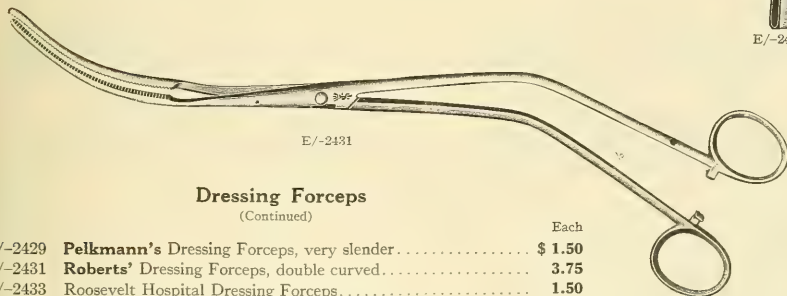
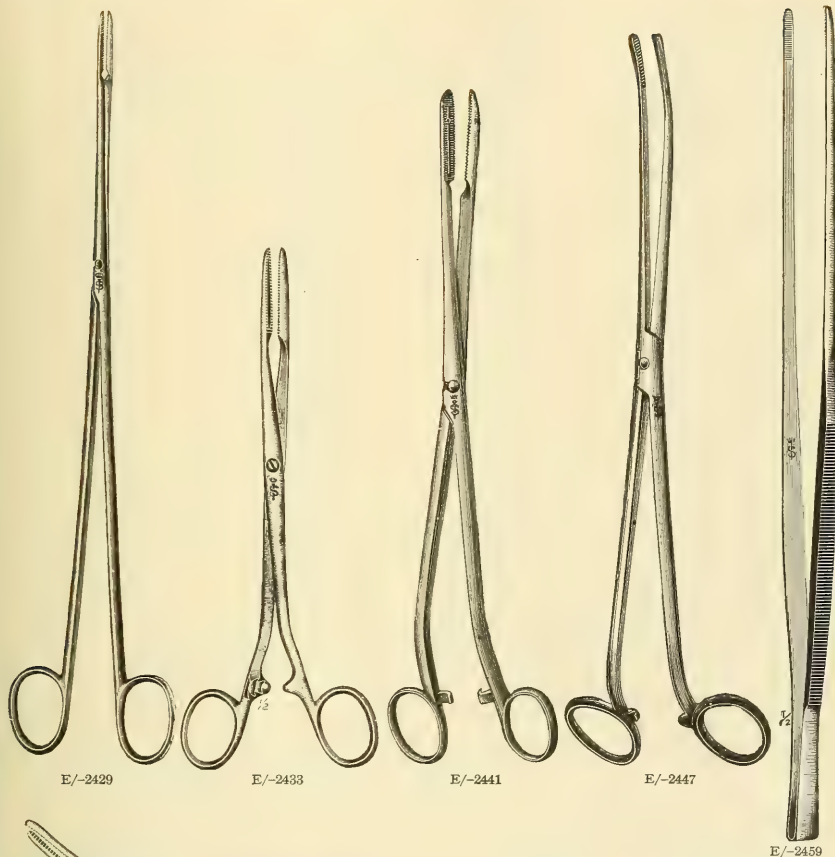
	Each
E/-2327 Elliott's Dressing Forceps, curved .....	\$ 1.50
E/-2333 Elliott's Dressing Forceps, curved, with catch .....	1.60
E/-2345 Emmett's Dressing Forceps, pincer shape .....	.90
E/-2351 Emmett's Dressing Forceps, pincer shape, with catch .....	1.75
E/-2357 Emmett's Dressing Forceps, curette jaws .....	2.25
E/-2363 Garrigues' Dressing Forceps .....	2.25



### Dressing Forceps

(Continued)

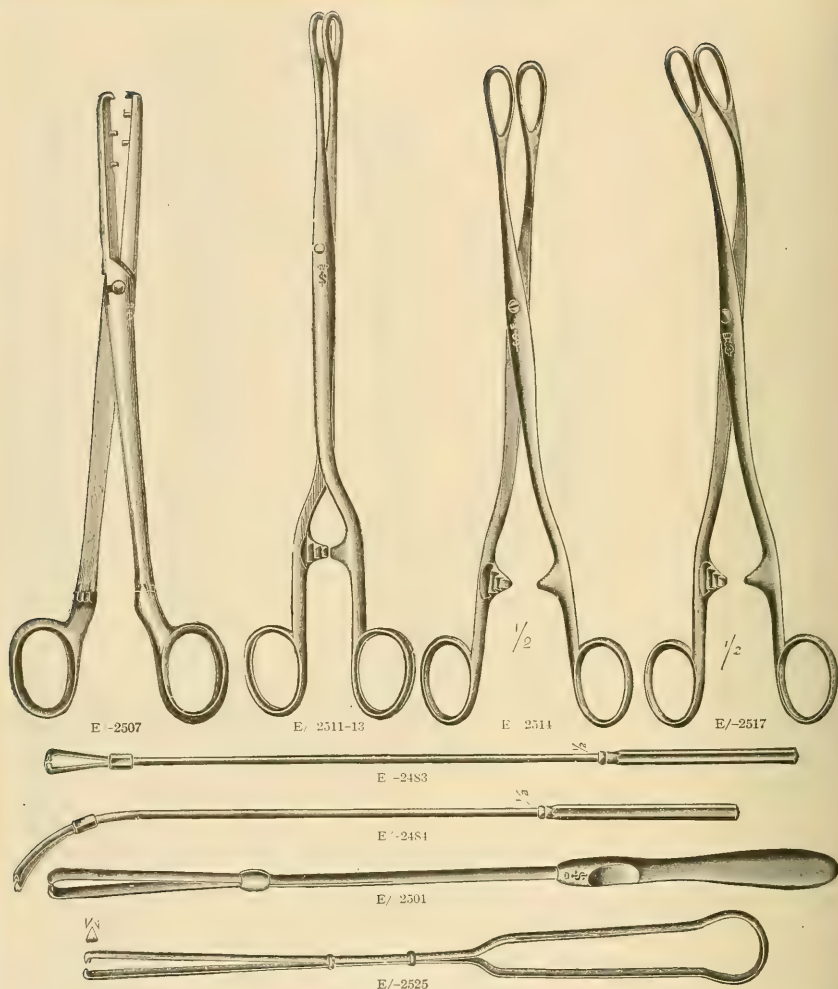
	Each
E/-2367 Goelet's Dressing and Placenta Forceps.....	\$ 3.50
E/-2369 Harvey's Dressing Forceps.....	1.75
E/-2370 Harvey-Thomas' Dressing Forceps.....	1.75
E/-2389 Kelly's Dressing Forceps, curved, with 4 and 5 teeth.....	2.25
E/-2405 Loos' Dressing Forceps.....	1.60



### Dressing Forceps

(Continued)

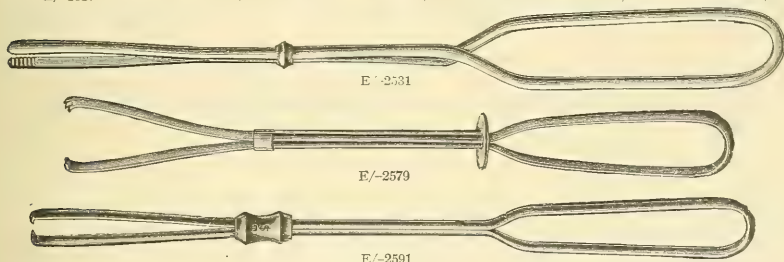
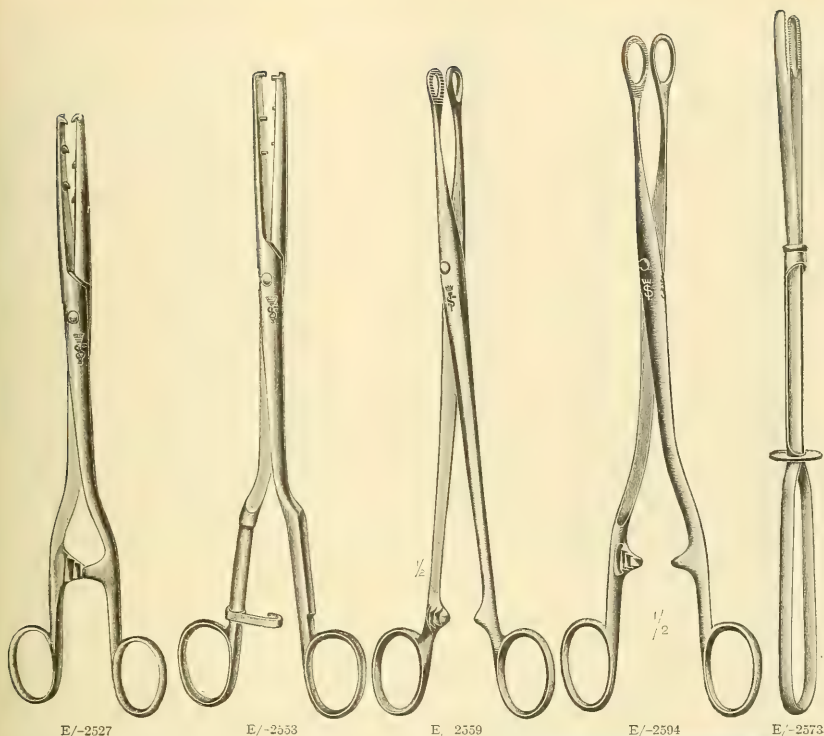
	Each	
E/-2429 Pelkmann's Dressing Forceps, very slender.....	\$ 1.50	
E/-2431 Roberts' Dressing Forceps, double curved.....	3.75	
E/-2433 Roosevelt Hospital Dressing Forceps.....	1.50	
E/-2441 Schroeder's Dressing Forceps.....	1.50	
E/-2447 Thomas' Dressing Forceps.....		1.50
E/-2459 Walcher's Dressing Forceps, pincer shape, 12 inches.....		1.75



### Sponge Holders and Forceps

	Each
E/-2483 Plain Sponge Holder, straight.....	\$ .25
E/-2484 Plain Sponge Holder, curved.....	.25
E/-2501 Credé's Sponge Holder.....	1.50
E/-2507 Emmett's Sponge Forceps.....	1.75
E/-2511 Foerster's Sponge Forceps, 6 inches.....	1.25
E/-2512 Foerster's Sponge Forceps, 7 $\frac{1}{4}$ inches.....	1.35
E/-2513 Foerster's Sponge Forceps, 9 $\frac{1}{4}$ inches.....	1.50
E/-2514 Foerster's Sponge Forceps (Roosevelt Hospital Pattern), with extra large loops, 9 $\frac{1}{4}$ inches.....	1.75
E/-2517 Foerster's Sponge Forceps, curved, 9 $\frac{1}{4}$ inches.....	1.60
E/-2525 Husson's Sponge Holder.....	.35

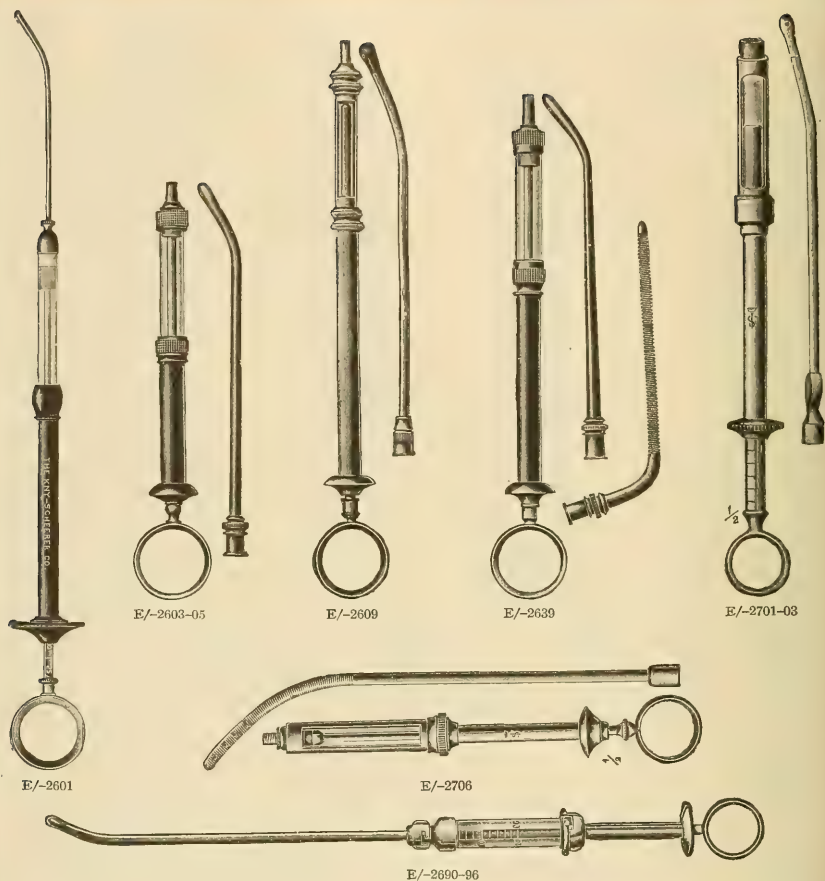




### Sponge Holders and Forceps

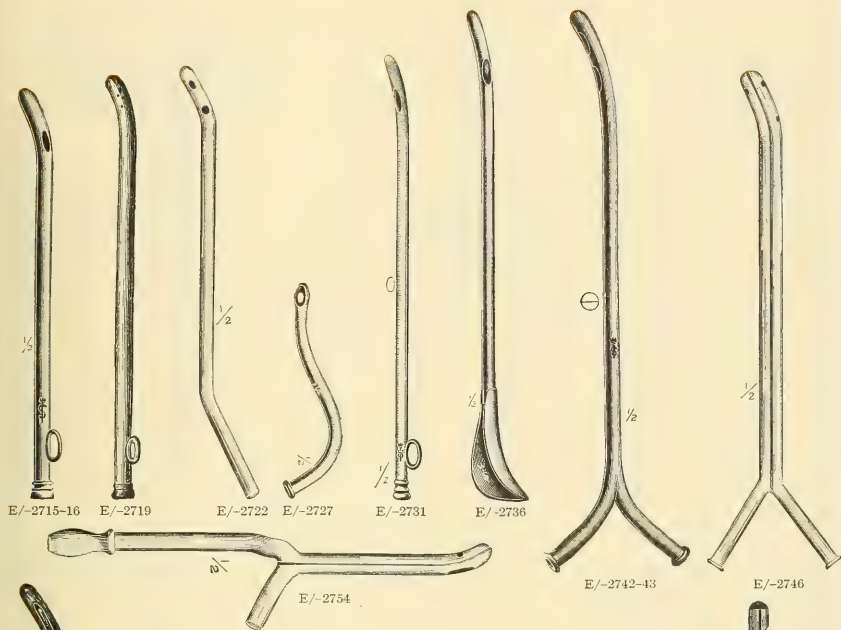
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	Each
E/-2527 Kelly's Sponge Forceps.....	\$ 2.25
E/-2531 Koerte's Sponge Holder.....	1.25
E/-2533 Miller's Sponge Forceps.....	2.25
E/-2539 Polk's Sponge Forceps.....	2.25
E/-2573 Walcher's Sponge Holder, with disc slide.....	1.10
E/-2579 Walcher's Sponge Holder, with disc slide, mouse toothed.....	1.10
E/-2591 Walcher's Sponge Holder, with ring slide, mouse toothed.....	1.10
E/-2594 Wilson's Sponge Forceps, serrated blades.....	1.75



### Syringes

	Each
E/-2601 <b>Boldt's</b> Uterine Syringe, glass barrel, hard rubber mounted, with silver canula.....	\$ 4.00
E/-2603 <b>Braun's</b> Uterine Syringe, glass barrel, hard rubber mounted.....	1.25
E/-2605 <b>Braun's</b> Uterine Syringe, extra long, glass barrel, hard rubber mounted.....	1.75
E/-2609 <b>Braun's</b> Uterine Syringe, glass barrel, metal mounted.....	1.75
E/-2639 <b>Hoffmann's</b> Uterine Syringe, glass barrel, hard rubber mounted, with 2 canulae.....	2.00
E/-2690 "Record" Uterine Syringe, 2 cc., with plain canula.....	4.00
E/-2692 "Record" Uterine Syringe, 5 cc., with plain canula.....	5.50
E/-2694 "Record" Uterine Syringe, 2 cc., with metal glass-lined canula.....	5.50
E/-2696 "Record" Uterine Syringe, 5 cc., with metal glass-lined canula.....	6.75
E/-2701 <b>Walcher's</b> Uterine Syringe, 1 cc., glass barrel, metal piston.....	2.00
E/-2702 <b>Walcher's</b> Uterine Syringe, 2 cc., glass barrel, metal piston.....	2.50
E/-2703 <b>Walcher's</b> Uterine Syringe, 5 cc., glass barrel, metal piston.....	2.75
E/-2706 <b>Winter's</b> Uterine Syringe, glass barrel, metal mounted.....	1.75

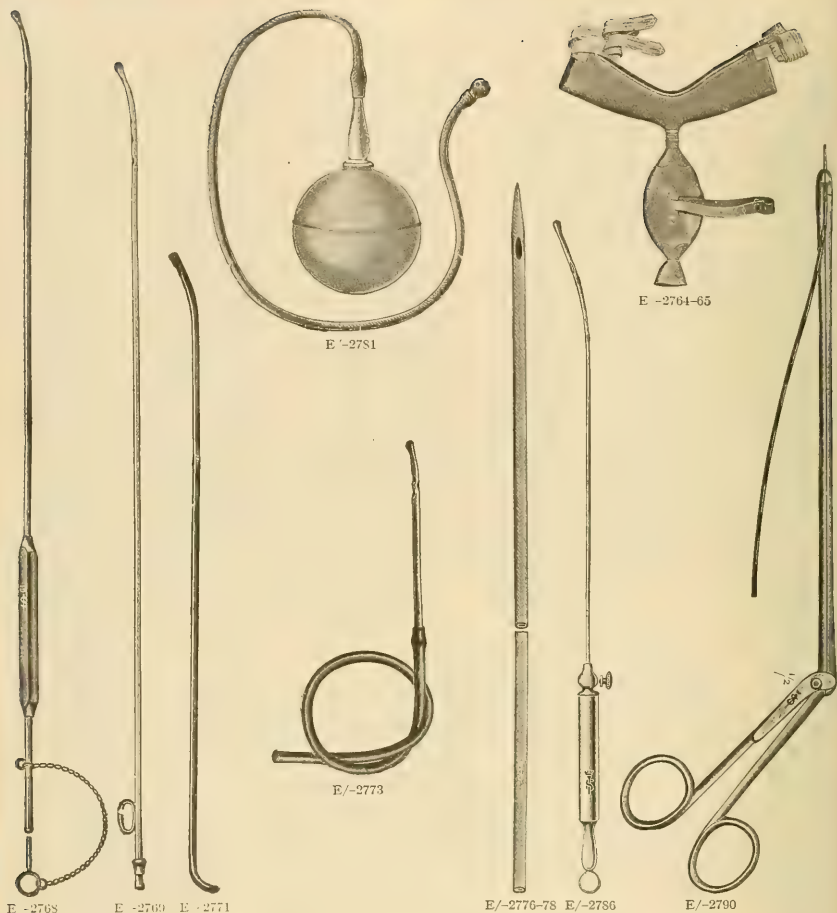


### Female Catheters

	Each
E/-2715 Plain Female Catheter, silver, sizes No. 16 to 21 French scale.....	\$ .75
E/-2716 Plain Female Catheter, German silver, sizes No. 16 to 21 French scale.....	.35
E/-2719 Plain Female Catheter, German silver, with sieve holes, sizes No. 16 to 19 French scale...	.50
E/-2722 Plain Female Catheter, glass, sizes No. 16 to 19 French scale.....	.10
E/-2727 <b>Furniss'</b> Female Catheter, self retaining.....	.40
E/-2731 <b>Hueter's</b> Female Catheter, oval form, flattened	1.00
E/-2736 <b>Sims'</b> Female Catheter, sigmoid.....	.50

### Female Double Current Catheters

E/-2742 Plain Female Double Current Catheter, with divided channel, German silver.....	1.50
E/-2743 Plain Female Double Current Catheter, with divided channel, silver.....	3.50
E/-2746 Plain Female Double Current Catheter, glass	.60
E/-2750 Plain Female Double Current Catheter, cotton web, sizes No. 16, 18, 20 and 22 French scale.	1.40
E/-2754 <b>Dickinson's</b> Female Double Current Catheter, glass.....	.60
E/-2760 <b>Nott's</b> Female Double Current Catheter, German silver.....	1.00
E/-2761 <b>Nott's</b> Female Double Current Catheter, silver	3.50



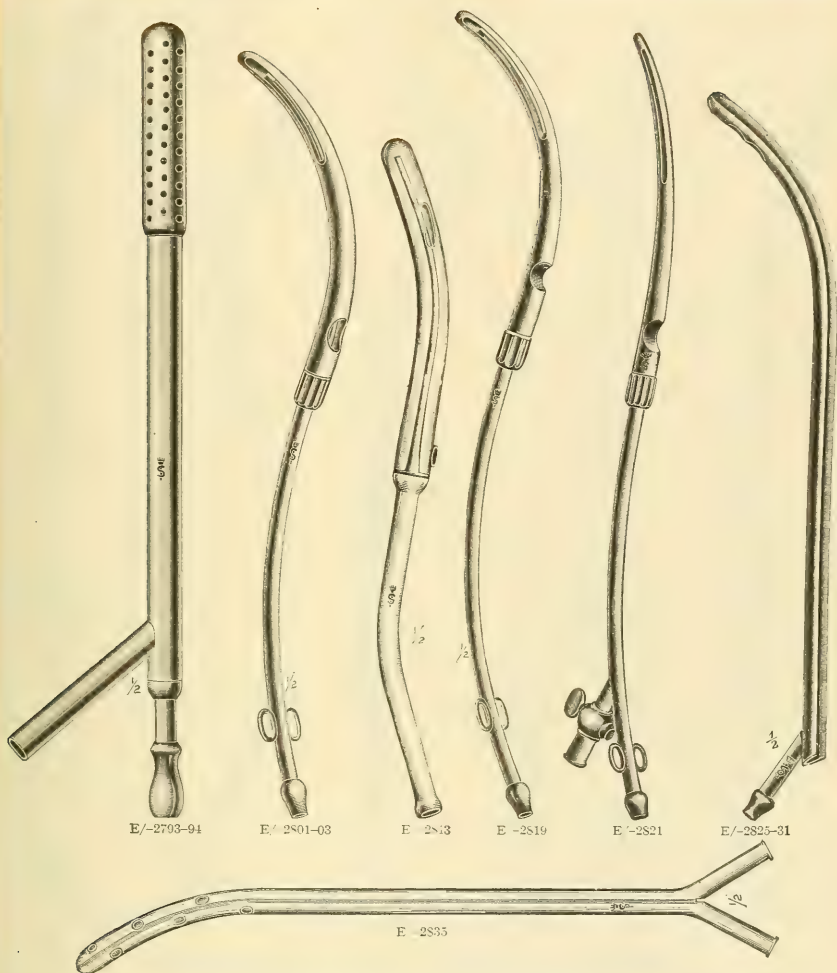
### Urinals

E/-2764	Female Urinal, plain style, for adults.....	Each
E/-2765	Female Urinal, plain style, for girls.....	\$ 3.75
		3.25

### Female Ureter Catheters

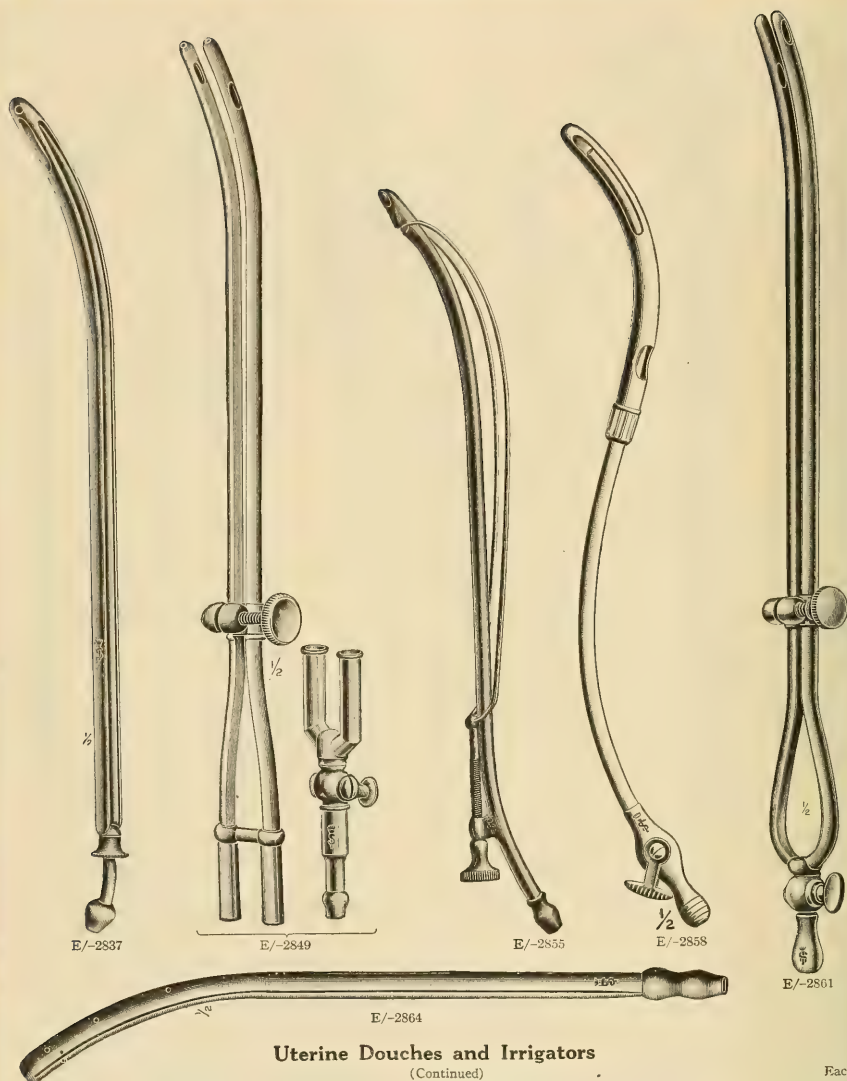
E/-2768	Kelly's Female Ureter Catheter, with plug, plated metal.....	1.50
E/-2769	Kelly's Female Ureter Catheter, without plug, plated metal.....	1.00
E/-2771	Kelly's Female Ureter Catheter, silver, long, straight or curved tip.....	1.00
E/-2773	Kelly's Female Ureter Catheter, plated metal, short, with rubber tube.....	1.20
E/-2776	Kelly's Female Ureter Catheter, silk web, conical end, 14 inches long; sizes No. 5 to 8 French scale.....	1.50
E/-2778	Kelly's Female Ureter Catheter, silk web, conical end, 19½ inches long; sizes No. 5 to 8 French scale.....	1.75
E/-2781	Kelly's Bladder Evacuator, with perforated glass tip and rubber bulb.....	1.25
E/-2786	Simon's Ureter Catheter.....	1.50
E/-2790	Ashton's Ureter Catheter Conducting Forceps, alligator jaws.....	7.50





### Uterine Douches and Irrigators

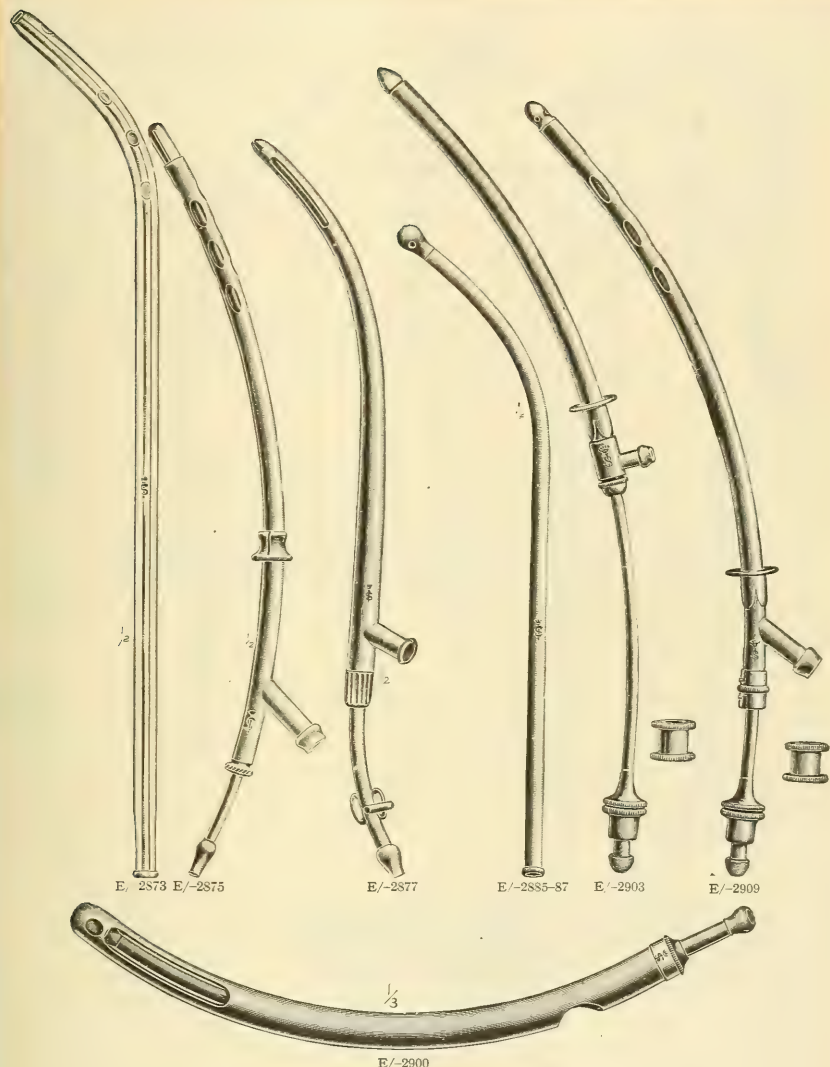
	Each
E/-2793 Blake's Abdominal Irrigator, 14 inches long, 1 inch diameter.....	\$ 6.00
E/-2794 Blake's Abdominal Irrigator, 11 inches long, $\frac{5}{8}$ inch diameter.....	5.00
E/-2801 Bozeman-Fritsch's Uterine Douche, 11 $\frac{1}{2}$ inches long, 3 sizes, No 24, 26 and 30 French scale.....	1.50
E/-2803 Bozeman-Fritsch's Uterine Douche, extra large, 15 $\frac{1}{2}$ inches long, No 35 French scale.....	2.25
E/-2813 Bozeman-Fritsch's Uterine Douche, glass.....	.75
E/-2819 Breus' Uterine Douche.....	3.00
E/-2821 Breus-Pagenstecher's Uterine Douche, with stop cock.....	3.75
E/-2825 Budin's Uterine Douche, 6 sizes, 5, 7, 9, 12, 13 and 15 mm. diameter.....	2.00
E/-2831 Budin's Uterine Douche, glass, 12 mm. diameter.....	.75
E/-2835 Chamberlain's Uterine Douche, glass.....	.75



### Uterine Douches and Irrigators

(Continued)

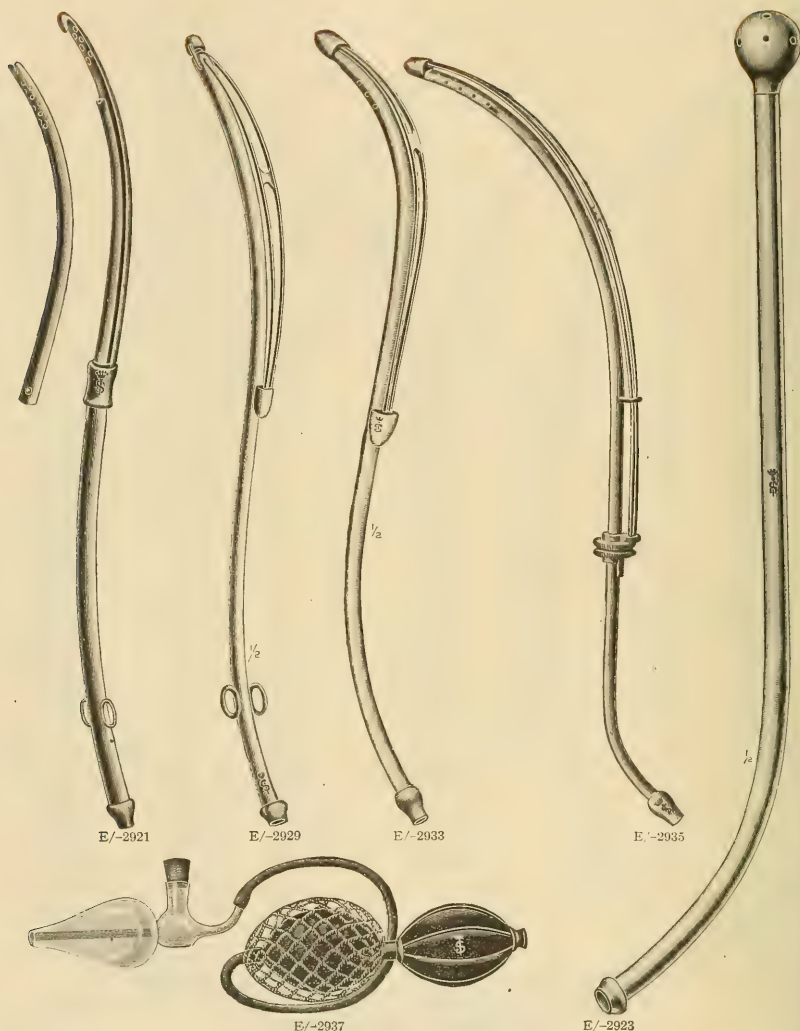
	Each
E/-2837 Collin's Uterine Douche, 3 sizes, 8, 10 and 12 mm. diameter.....	\$ 3.75
E/-2849 Collin's Uterine Douche, dilating.....	4.50
E/-2855 Collin's Uterine Douche, dilating, latest pattern.....	5.25
E/-2858 Dedolph's Uterine Douche, with stop cock.....	2.75
E/-2861 Doleris' Uterine Douche, dilating.....	3.50
E/-2864 Edgar's Uterine Douche.....	2.00



### Uterine Douches and Irrigators

(Continued)

		Each
E -2873	Garrigues' Uterine Douche, glass.....	\$ .40
E -2875	Glasgow's Uterine Douche, metal.....	1.10
E -2877	Goelet's Uterine Douche, metal.....	2.25
E -2885	Hanks' Uterine Douche, hard rubber.....	.50
E -2887	Hanks' Uterine Douche, metal.....	\$ .60
E/-2900	Inglis' Uterine Douche, for postpartum hemorrhage.....	5.00
E/-2903	Jennison's Uterine Douche.....	1.25
E/-2909	Jennison's Uterine Douche, modified by Reade....	1.75

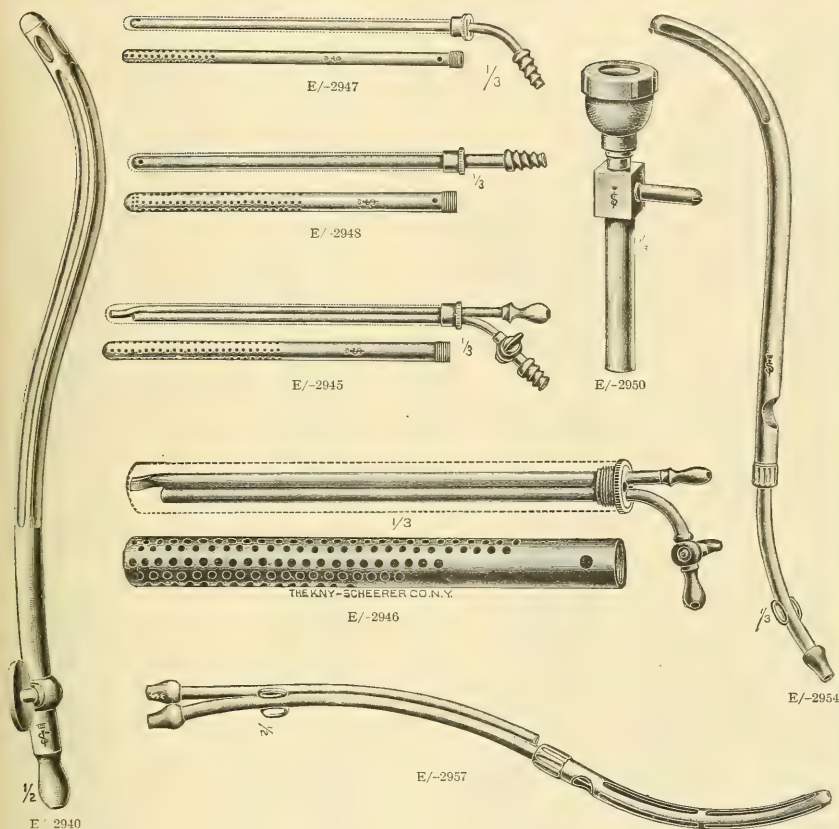


### Uterine Douches and Irrigators

(Continued)

	Each		Each
E/-2921 Kelly's Uterine Douche.....	\$ 2.00	E/-2935 Leonard's Uterine Douche, dilating.....	1.25
E/-2923 Kelly's Abdominal Irrigator.....	1.50	E/-2937 Nassauer's Vaginal Powder Blower, for injecting bolus alba in cases of leucorrhoea.....	1.75
E/-2929 Langstaff's Uterine Douche.....	1.10		
E/-2933 Leonard's Uterine Douche.....	.90		

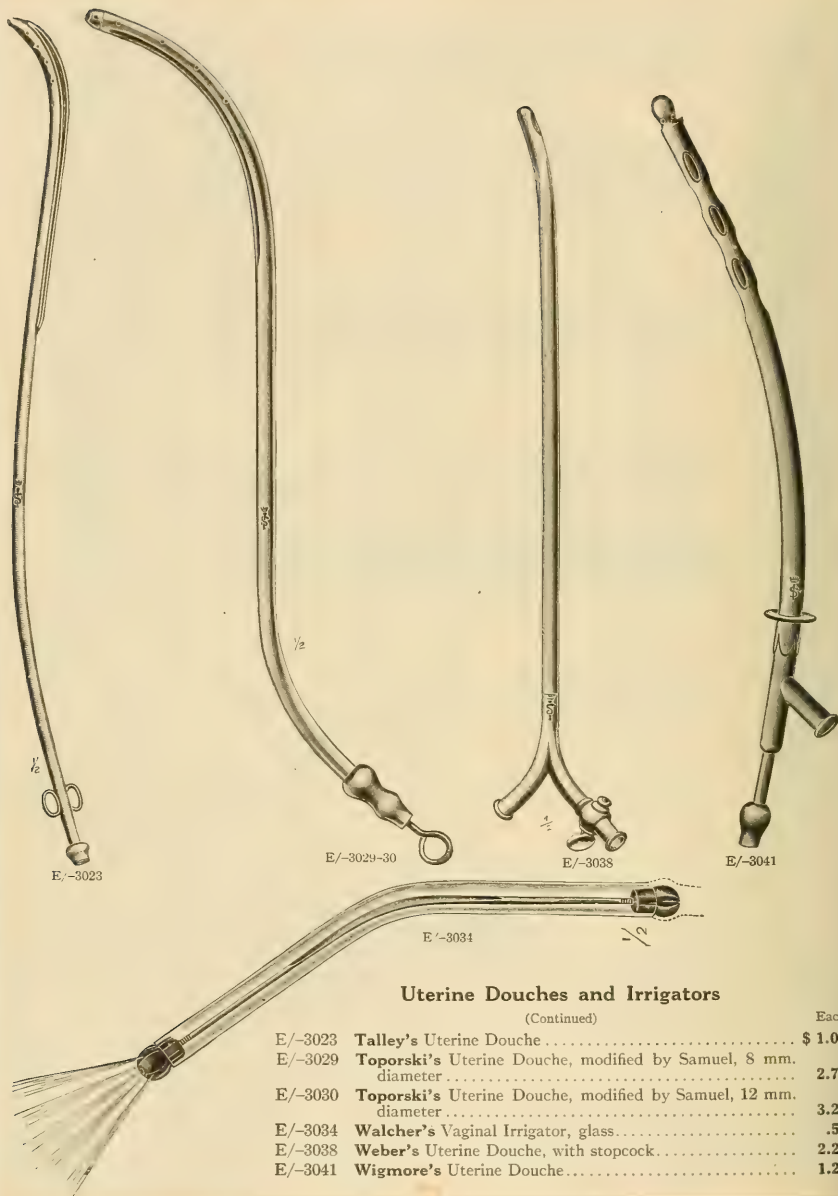




## Uterine Douches and Irrigators

(Continued)

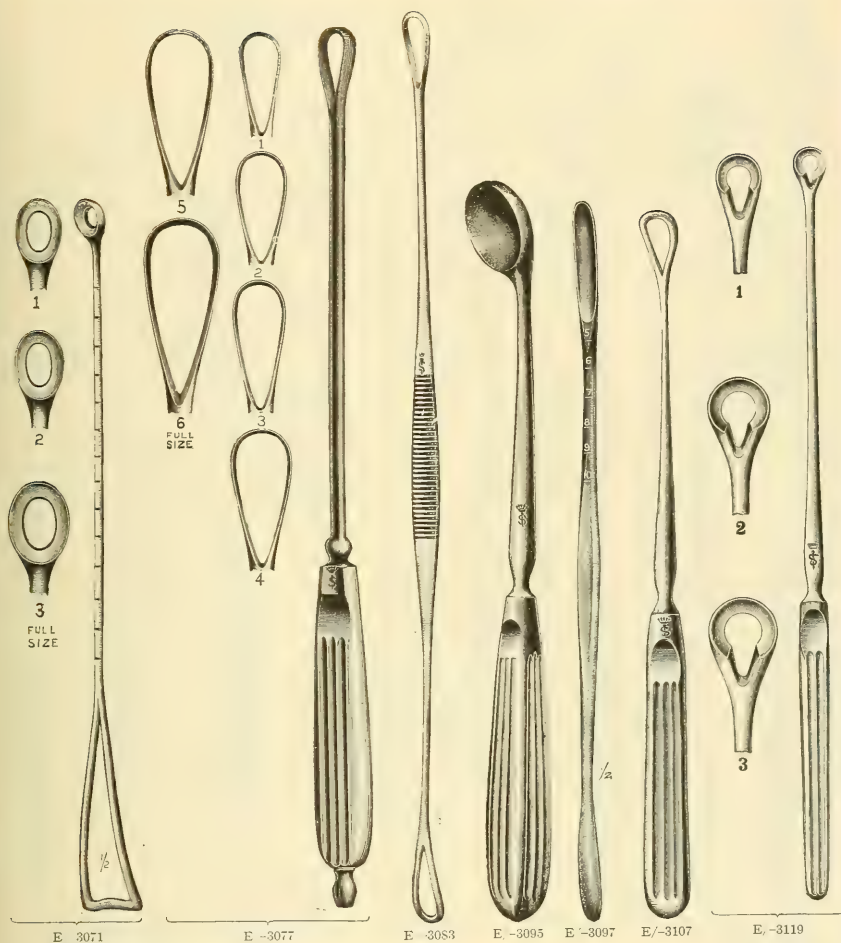
	Each
E/-2940 <b>Olivier's</b> Uterine Douche, with stopcock .....	\$ 2.75
E/-2945 <b>Pool's</b> Abdominal Irrigator, with stopcock, 9 inches long, No. 30 French scale .....	4.50
E/-2946 <b>Pool's</b> Abdominal Irrigator, with stopcock, 13 inches long, 1 inch diameter .....	9.00
E/-2947 <b>Pool's</b> Abdominal Suction Tube, 8 $\frac{3}{4}$ inches long, No. 23 French scale .....	3.00
E/-2948 <b>Pool's</b> Abdominal Suction Tube, 8 $\frac{3}{4}$ inches long, No. 30 French scale .....	3.50
E/-2950 <b>Chapman's</b> Water Pump, for above .....	2.25
E/-2954 "Rotunda" Uterine Douche, extra large .....	3.25
E/-2957 <b>Ruge's</b> Uterine Douche .....	4.50



### Uterine Douches and Irrigators

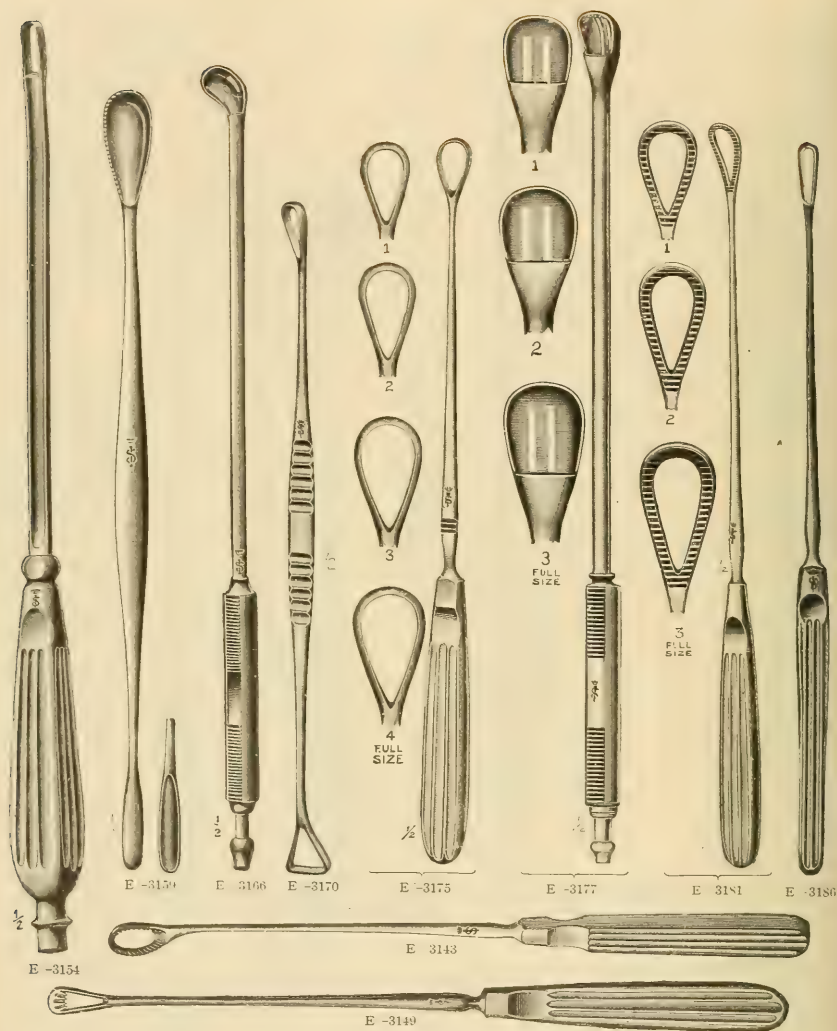
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	Each
E/-3023 Talley's Uterine Douche .....	\$ 1.00
E/-3029 Toporski's Uterine Douche, modified by Samuel, 8 mm. diameter .....	2.75
E/-3030 Toporski's Uterine Douche, modified by Samuel, 12 mm. diameter .....	3.25
E/-3034 Walcher's Vaginal Irrigator, glass .....	.50
E/-3038 Weber's Uterine Douche, with stopcock .....	2.25
E/-3041 Wigmore's Uterine Douche .....	1.25



### Uterine Curettes

		Each
E-3071	Assaky's Uterine Curette, 3 sizes, graduated	\$ 2.75
E-3077	Auvard's Uterine Curette, irrigating, 6 sizes	2.50
E-3083	Blake's Uterine Curette, double-ended, with sharp and blunt blades	1.25
E-3095	Boldt's Uterine Curette, extra large, for carcinoma	3.00
E-3097	Boldt's Uterine Curette, double-ended, blunt blades and graduated shank	2.50
E-3107	Braun's Uterine Curette, blunt	1.75
E-3113	Burt's Uterine Curette, double-ended, with sharp and serrated blades	1.75
E-3119	Byford's Uterine Curette, blunt, 3 sizes	1.15



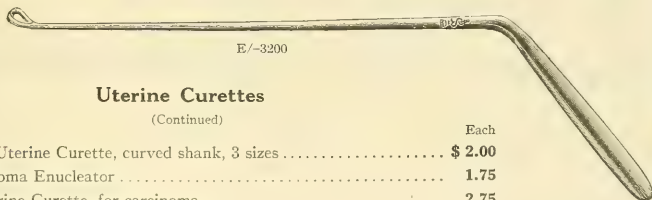
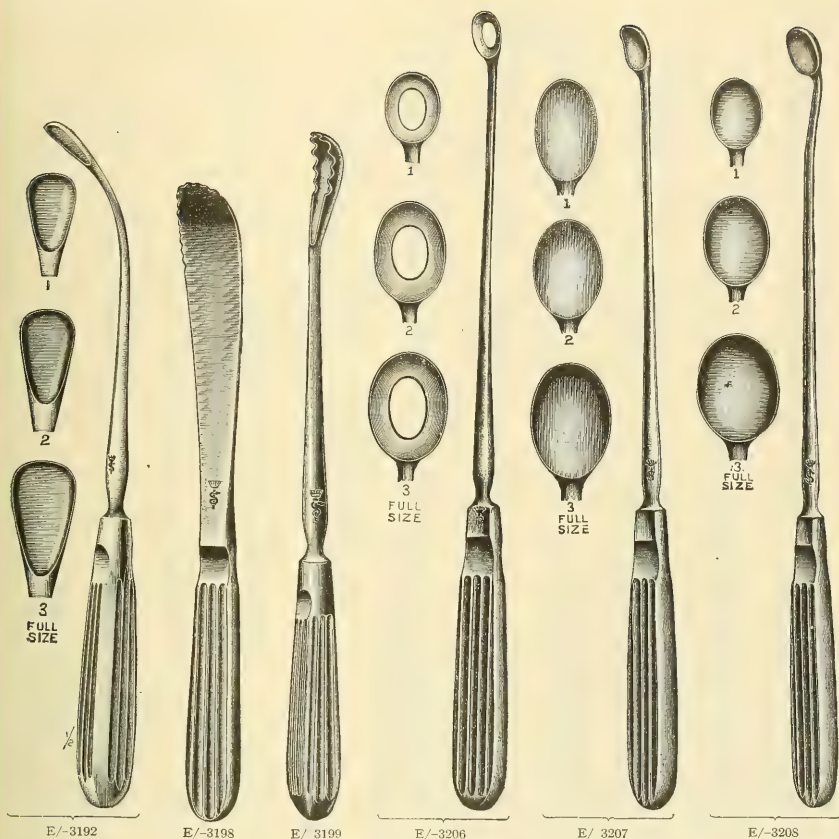
### Uterine Curettes

(Continued)

	Each		Each
E/-3143 Collin's Uterine Curette, serrated blade.....	\$ 2.00	E 3170 Gervis' Uterine Curette, double-ended, sharp blades.....	\$ 1.75
E/-3149 Doleris' Uterine Curette, toothed blade.....	2.00	E/-3175 Golet's Uterine Curette, flexible shank, 4 sizes.....	1.50
E 3154 Donald's Uterine Curette, irrigating.....	3.50	E/-3177 Goldstein's Uterine Curette, irrigating, 3 sizes.....	1.25
E/-3159 Engelman's Uterine Curette, double-ended, with serrated and blunt blades.....	2.25	E/-3181 Greene's Uterine Curette, serrated blades, 3 sizes.....	1.00
E 3166 English Pattern Uterine Curette, irrigating.....	1.75	E/-3186 Hanks' Uterine Curette, sharp blade.....	1.25

C. C. R. E. R.

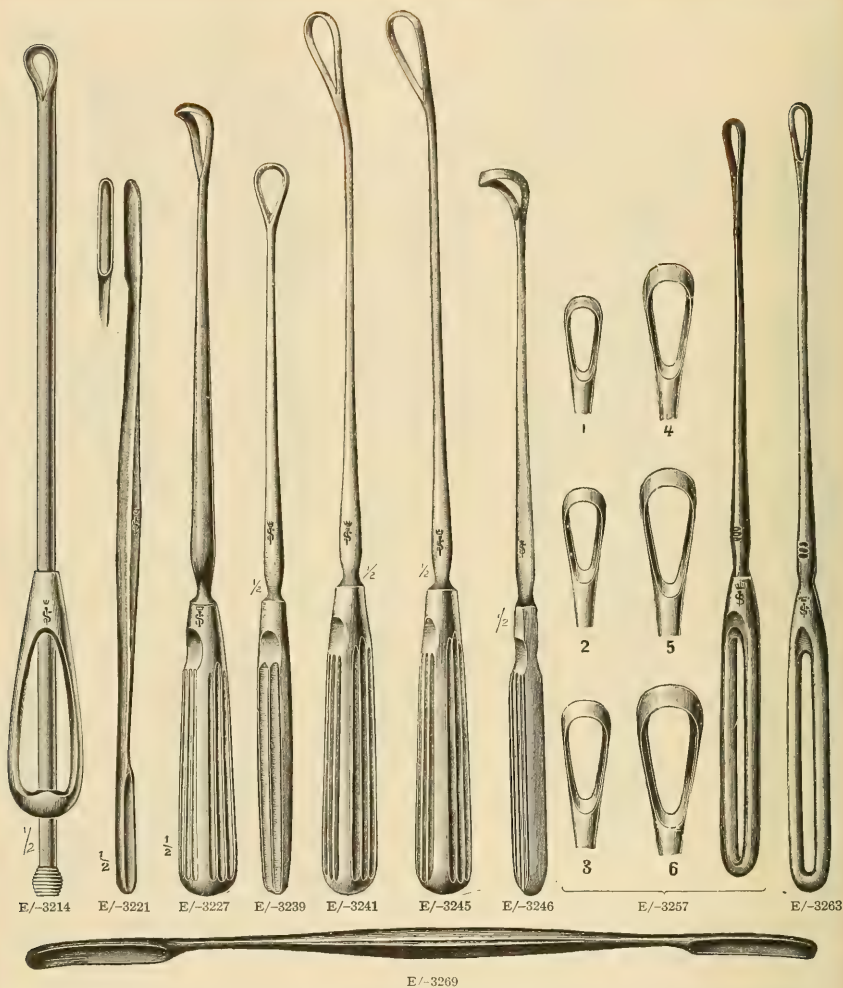




### Uterine Curettes

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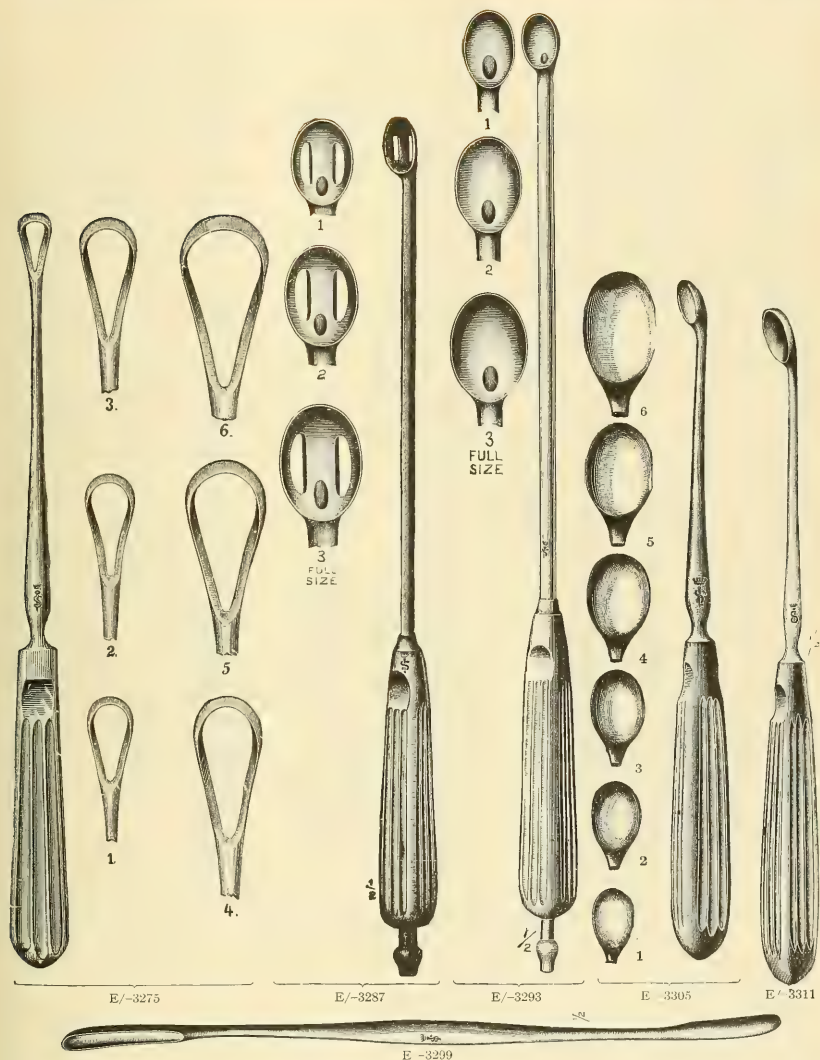
	Each
E/-3192 Herman's Uterine Curette, curved shank, 3 sizes .....	\$ 2.00
E/-3198 Kelly's Myoma Enucleator .....	1.75
E/-3199 Kelly's Uterine Curette, for carcinoma .....	2.75
E/-3200 Kelly's Bladder Curette, angular handle .....	2.00
E/-3206 Kny-Scheerer Co.'s Uterine Curette, flexible shank, 3 sizes .....	2.25
E/-3207 Kny-Scheerer Co.'s Uterine Curette, rigid shank, straight, 3 sizes .....	2.25
E/-3208 Kny-Scheerer Co.'s Uterine Curette, rigid shank, curved, 3 sizes .....	2.25



### Uterine Curettes

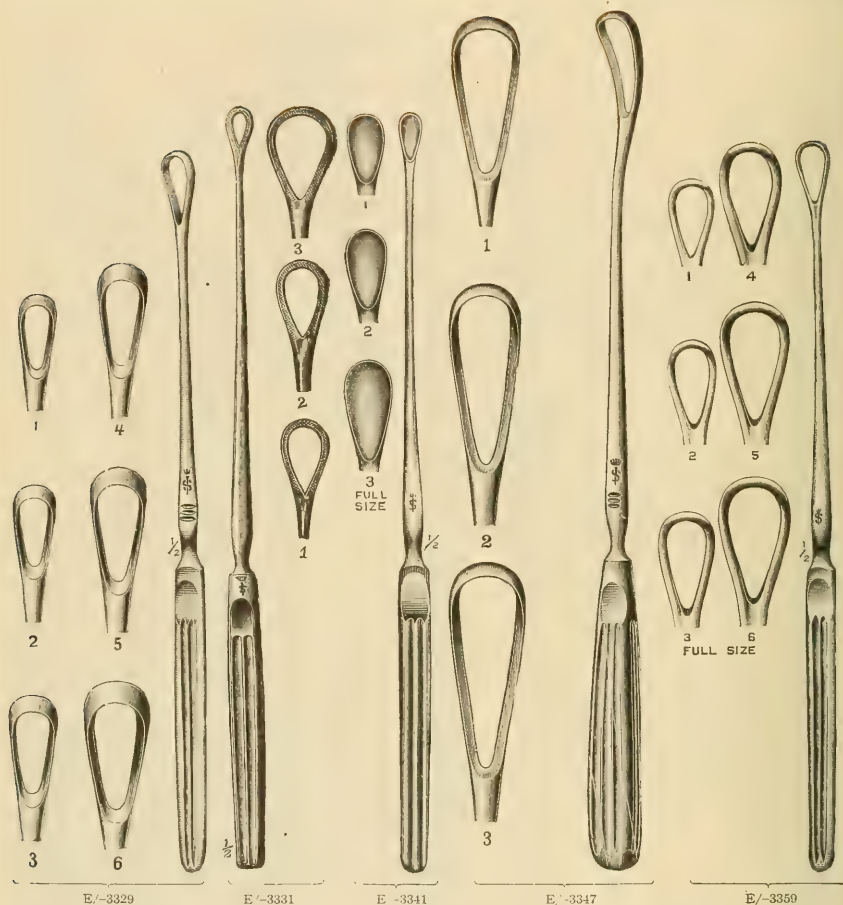
(Continued)

	Each
E/-3214 Marshall's Uterine Curette, irrigating.....	\$ 4.25
E/-3221 Martin's Uterine Curette, double ended, blunt blades.....	1.50
E/-3227 Martin's Uterine Curette, angular blade.....	1.75
E/-3239 Munde's Uterine Curette, blunt blade.....	1.25
E/-3241 Munde's Uterine Curette, blunt blade, angular.....	1.75
E/-3245 Munde's Uterine Curette, sharp blade, 12 $\frac{1}{2}$ inches long.....	2.00
E/-3246 Munde's Uterine Curette, sharp blade, 10 $\frac{1}{2}$ inches long.....	1.75
E/-3257 Olshausen's Uterine Curette, sharp blade, 6 sizes.....	1.50
E/-3263 Olshausen's Uterine Curette, blunt blade, 6 sizes.....	1.50
E/-3269 Pozzi's Uterine Curette, double ended, with blunt and sharp blades.....	2.25



### Uterine Curettes (Continued)

	Each
E/-3275 Recamier's Uterine Curette, 6 sizes.....	\$ 1.75
E/-3287 Rhinettter's Uterine Curette, irrigating, blunt, 3 sizes.....	2.00
E/-3293 Rhinettter's Uterine Curette, irrigating, sharp, 3 sizes.....	2.00
E/-3299 Roux's Uterine Curette, double ended, sharp blades.....	1.50
E/-3305 Simon's Uterine Curette, sharp, 6 sizes.....	1.75
E/-3311 Simon's Uterine Curette, blunt, 6 sizes.....	1.75

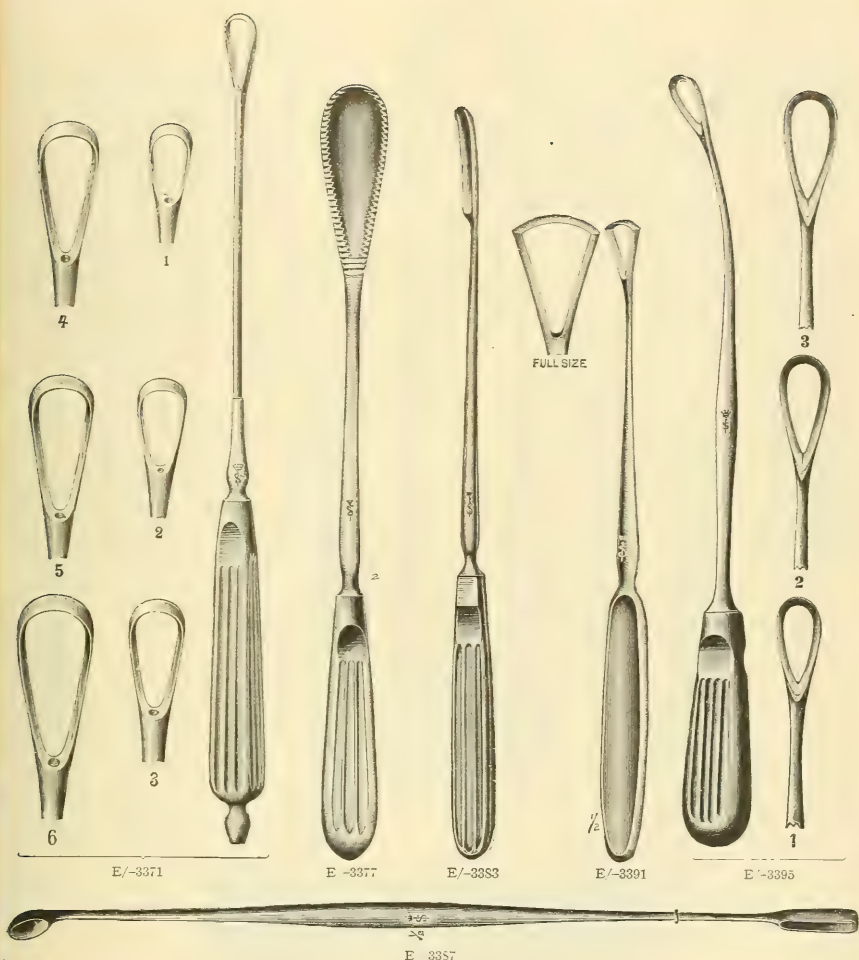


### Uterine Curettes

(Continued)

		Each
E/-3329	<b>Sims' Uterine Curette, sharp, 6 sizes</b> .....	\$ 1.00
E/-3331	<b>Skene's Uterine Curette, blunt, flexible shank, 3 sizes</b> .....	1.00
E/-3341	<b>Spiegelberg's Uterine Curette, blunt, flexible shank, 3 sizes</b> .....	1.00
E/-3347	<b>Thomas' Uterine Curette, blunt, 6 sizes</b> .....	2.25
E/-3359	<b>Thomas' Uterine Curette, blunt, 6 sizes</b> .....	.90

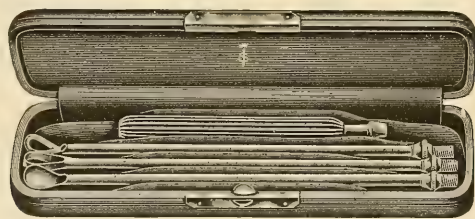
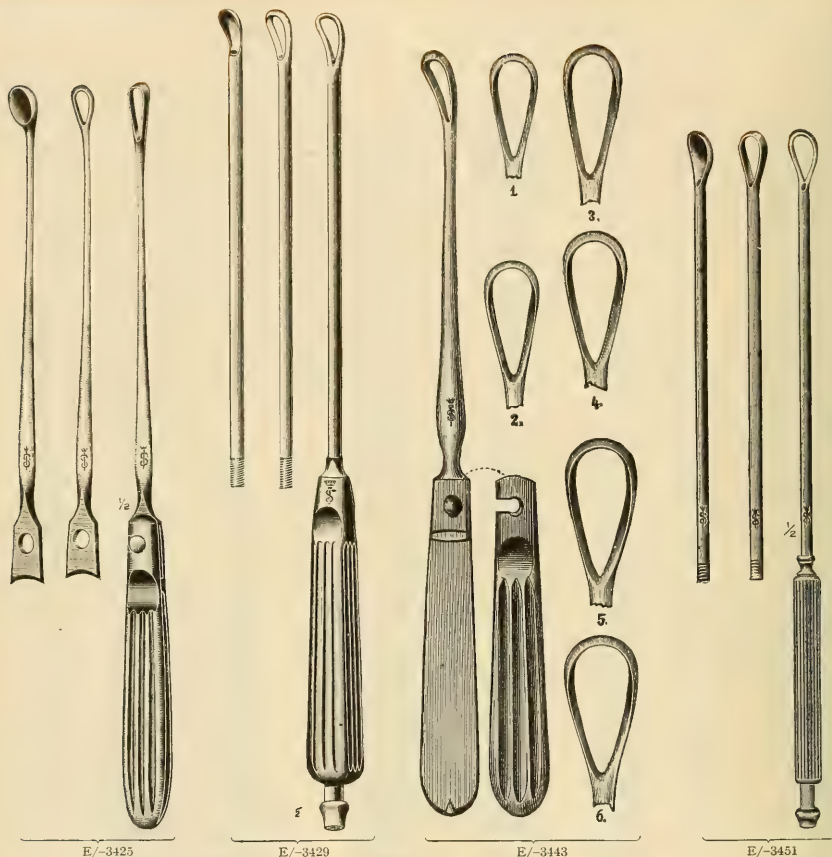




# Uterine Curettes

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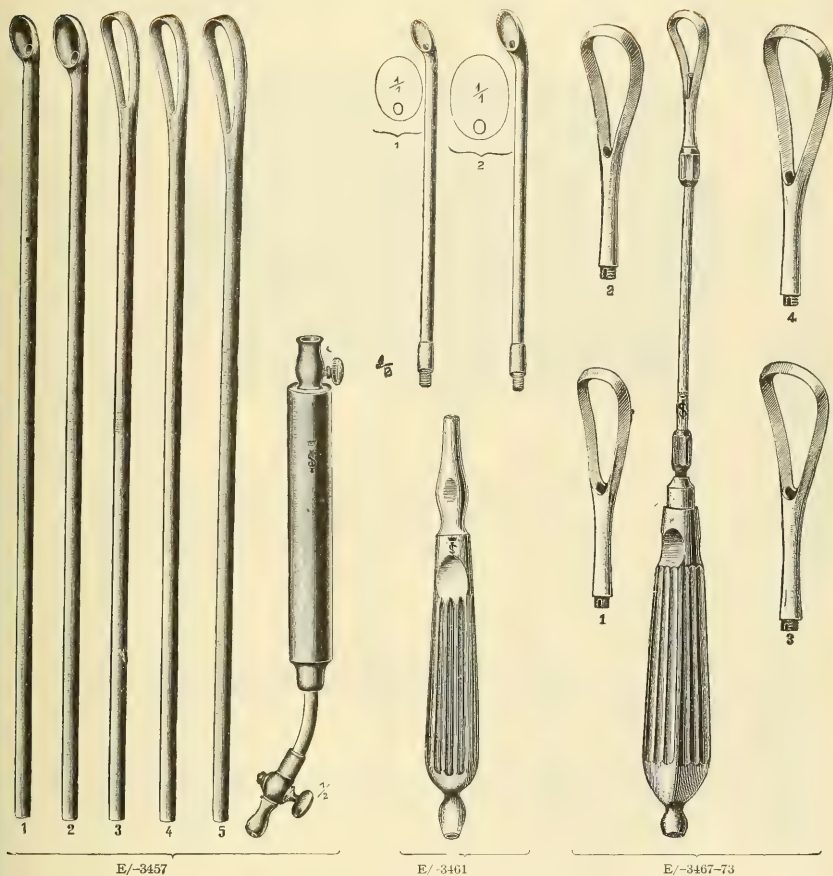
	Each
E/-3371 Thomas' Uterine Curette, irrigating, 6 sizes . . . . .	\$ 2.50
E/-3377 Thomas' Uterine Curette, serrated blade, for sessile uterine fibroids, 3 sizes . . . . .	2.00
E/-3383 Volkmann's Uterine Curette . . . . .	1.75
E/-3387 Webster's Uterine Curette, double ended, with fenestrated and solid blades . . . . .	2.50
E/-3391 Whitehead's Uterine Curette . . . . .	1.75
E/-3395 Wylie's Uterine Curette, curved shank, 3 sizes . . . . .	1.75



E/-3452

### Curettes in Sets

	Each
E/-3425 Set of 3 Uterine Curettes, with separable handle . . . . .	\$ 3.75
E/-3429 Set of 3 Uterine Curettes, irrigating, with handle to unscrew . . . . .	2.25
E/-3443 Set of 6 Uterine Curettes, with separable handle, in aseptic metal case . . . . .	12.00
E/-3451 "Berlin" Set of 3 Uterine Curettes, irrigating, with handle to unscrew . . . . .	1.50
E/-3452 "Berlin" Set of 3 Uterine Curettes, irrigating, with handle to unscrew, in leather case . . . . .	2.00



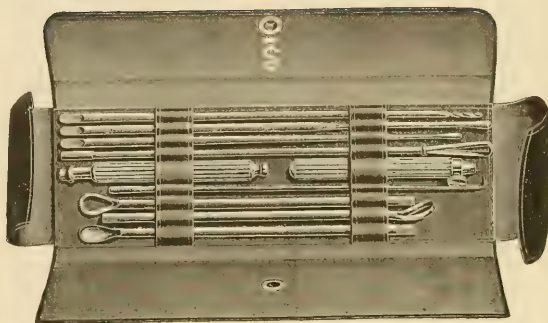
### Currettes in Sets

(Continued)

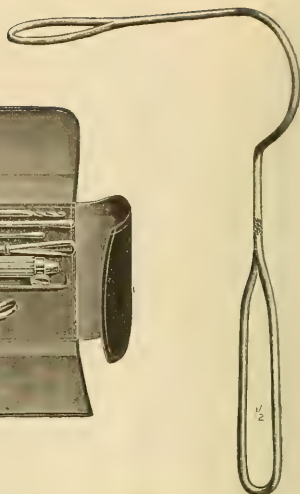
	Each
E/-3457 <b>Freund's</b> Set of 5 Currettes, irrigating, with separable handle and stopcock .....	\$ 7.50
E/-3461 <b>Holbrook's</b> Set of 2 Currettes, irrigating, with separable handle.....	3.25
E/-3467 <b>Kocher's</b> Set of 4 Currettes, irrigating, with separable handle.....	5.00
E/-3473 <b>Kocher's</b> Set of 4 Currettes, irrigating, with separable handle, in aseptic metal case.....	9.00



E/-3555



E/-3491



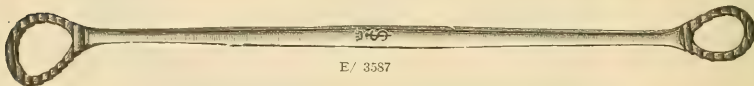
E/-3545



E/-3605



E/-3533



E/-3587

### Curettes in Sets

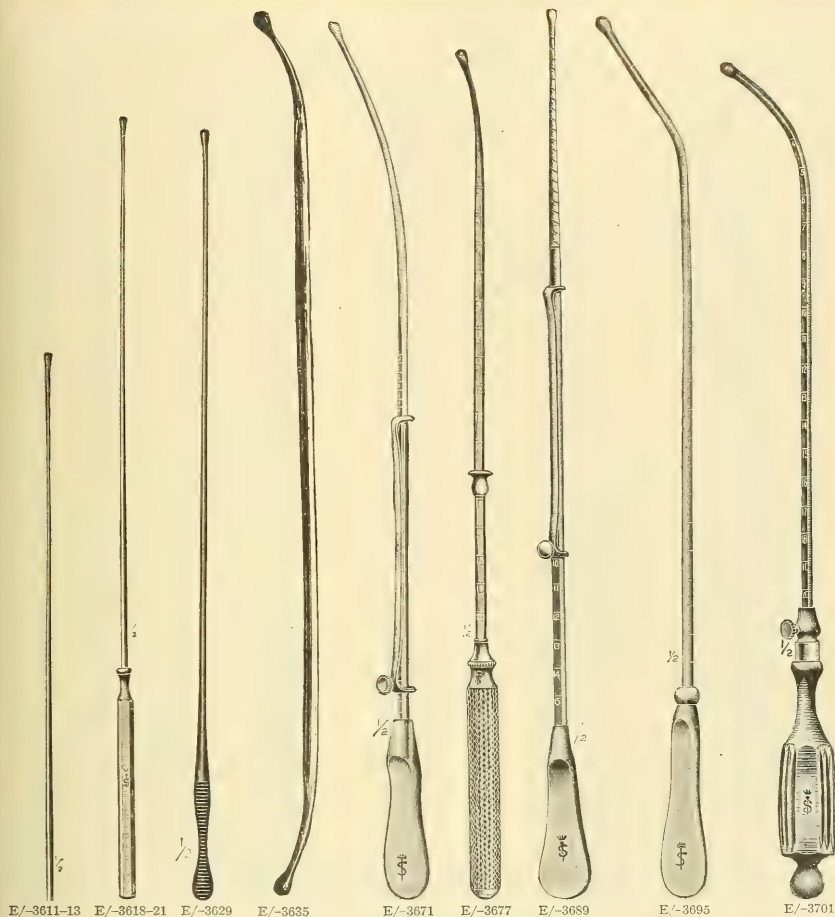
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E/-3491 Set of Curettes and Diagnostic Instruments, consisting of 3 curettes, sponge holder, uterine sound, uterine probe, tenaculum, applicator and 2 separable handles, in folding leather case... Each \$ 3.50

### Vaginal Depressors

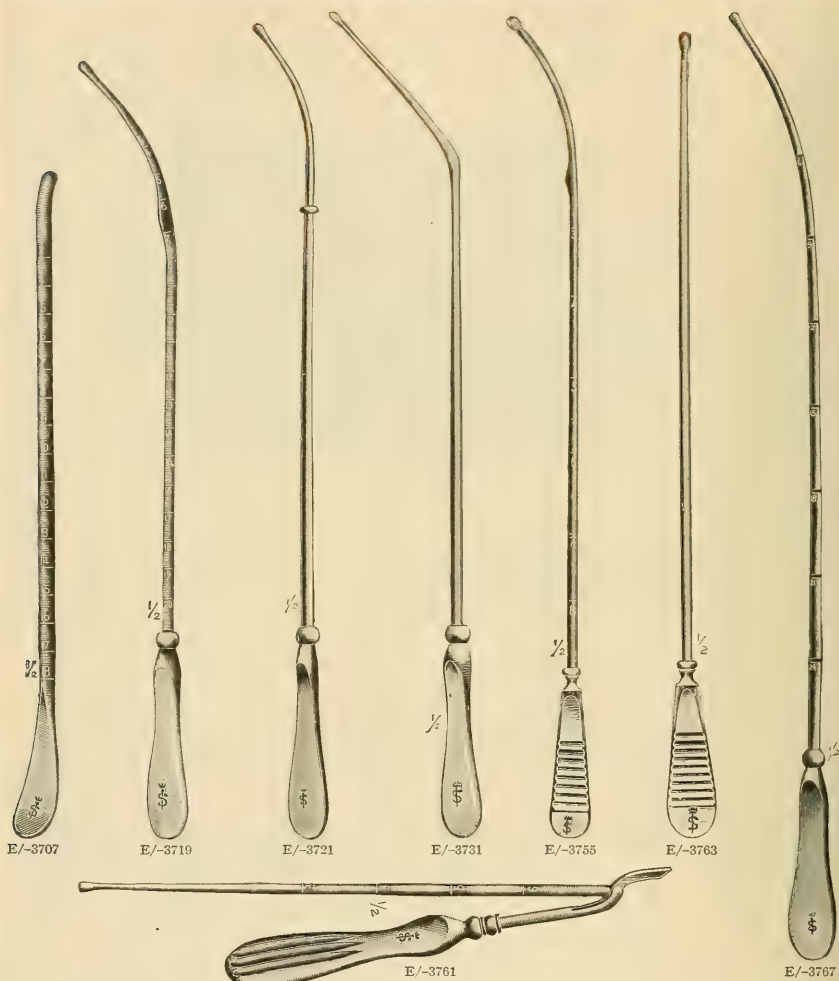
E/-3533	Braun's Vaginal Depressor, double ended.....	2.00
E/-3545	Garrigues' Vaginal Depressor.....	1.25
E/-3555	Kelly's Urethral Depressor.....	1.75
E/-3587	Sims' Vaginal Depressor, double ended, serrated blades.....	1.00
E/-3605	Skene's Vaginal Depressor.....	1.00





**Uterine Probes and Sounds**

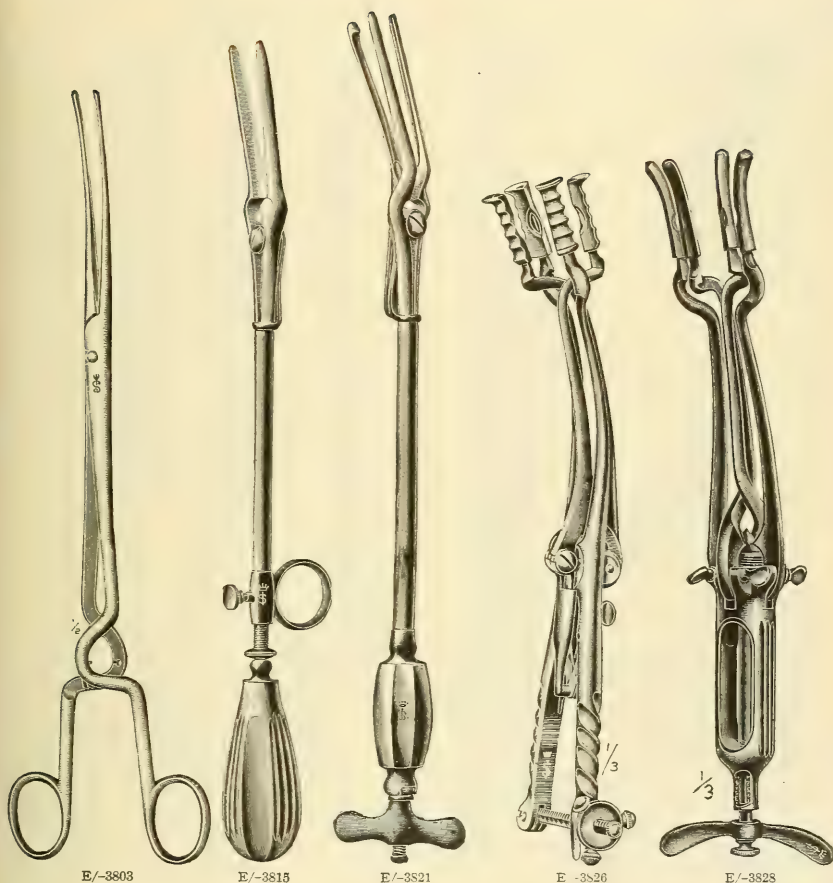
	Each	
E/-3611 Plain Uterine Probe, without handle, plated . . . . .	\$ .10	
E/-3612 Plain Uterine Probe, without handle, aluminum . . . . .	.10	
E/-3613 Plain Uterine Probe, without handle, silver . . . . .	.75	
E/-3618 Plain Uterine Probe, with handle, plated . . . . .	.15	
E/-3619 Plain Uterine Probe, with handle, aluminum . . . . .	.15	
E/-3621 Plain Uterine Probe, with handle, silver . . . . .	1.00	
E/-3629 Plain Uterine Probe, hard rubber . . . . .	.25	
E/-3635 Esmarch's Uterine Sound, with groove, pure tin . . . . .	.75	
E/-3671 Gidding's Uterine Sound, with slide . . . . .	1.25	
E/-3677 Hugnier's Uterine Sound, with slide . . . . .	1.75	
E/-3689 Jenks' Uterine Sound, with slide . . . . .		\$ 2.00
E/-3692 Kelly's Ureter Searcher . . . . .		.60
E/-3695 Kiewisch's Uterine Sound . . . . .		1.10
E/-3701 Kuechenmeister's Uterine Sound, with adjustable handle . . . . .		2.00



### Uterine Probes and Sounds

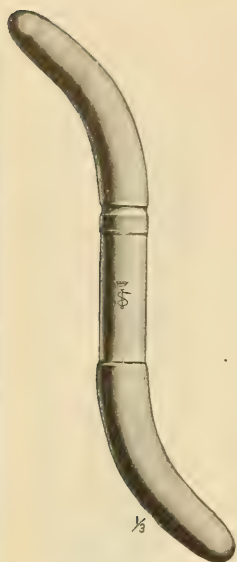
(Continued)

		Each
E/-3707	Lazarewitsch's Uterine Sound.....	\$ 1.75
E/-3719	Martin's Uterine Sound.....	1.00
E/-3721	Olshausen's Uterine Sound.....	1.00
E/-3731	Schroeder's Uterine Sound.....	1.25
E/-3755	Simpson's Uterine Sound.....	.40
E/-3761	Simpson's Uterine Sound, folding handle....	1.25
E/-3763	Sims' Uterine Sound.....	.35
E/-3767	Spiegelberg's Uterine Sound.....	1.25

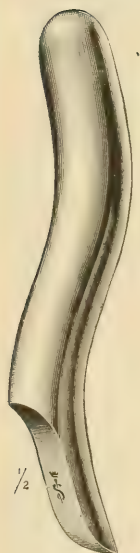


### Uterine Dilators

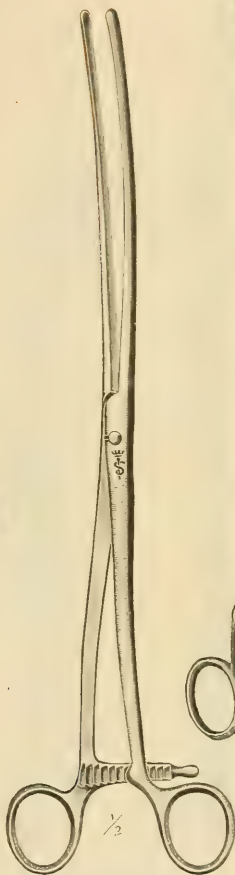
	Each
E/-3803 <b>Atlee's</b> Uterine Dilator.....	\$ 2.00
E/-3815 <b>Bishop's</b> Uterine Dilator, with 2 blades.....	7.00
E/-3821 <b>Bishop's</b> Uterine Dilator, with 3 blades.....	9.00
E/-3826 <b>Bossi's</b> Uterine Dilator, modified by Marelli, with 4 branches.....	30.00
E/-3828 <b>Bossi's</b> Uterine Dilator, Aesculapian pattern, with 4 branches.....	30.00



E-3855



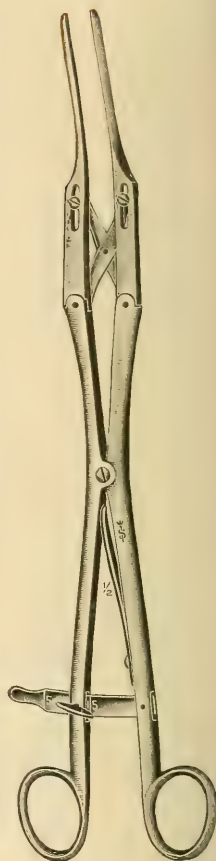
E-3831-32



E-3835



E-3837



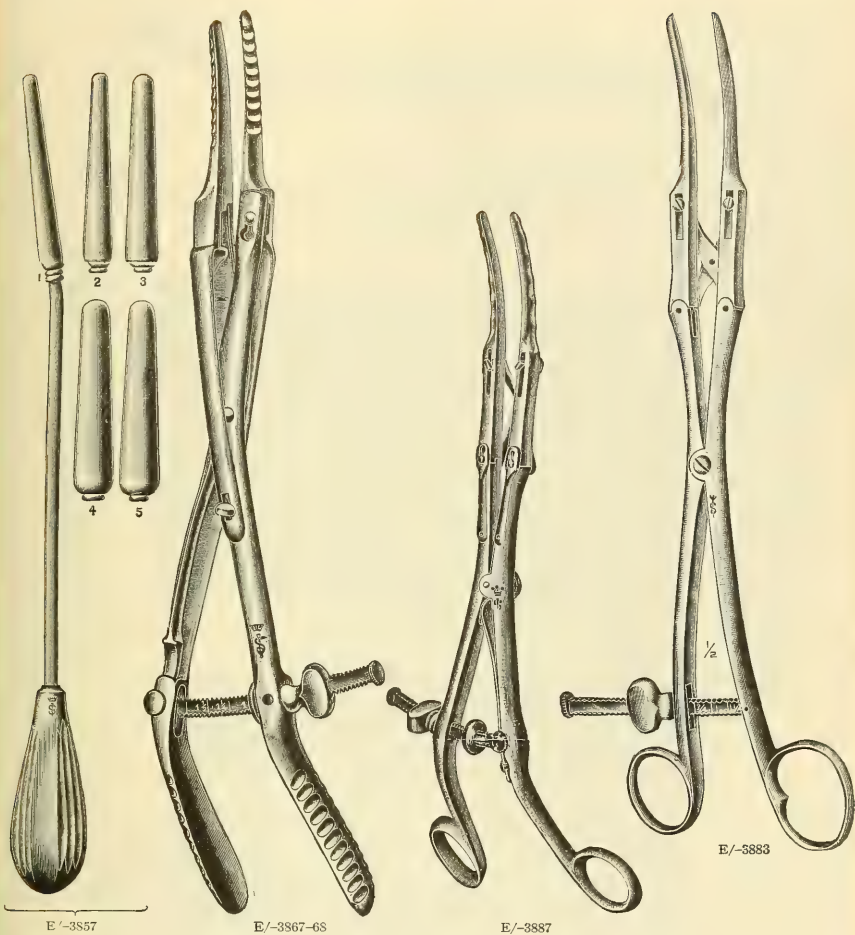
E-3839

### Uterine Dilators

(Continued)

	Each
E/-3831 <b>Bumm's</b> Uterine Dilator, set of 26 in wood case.....	\$ 24.00
E/-3832 <b>Bumm's</b> Uterine Dilator, set of 26 in metal case.....	35.00
E/-3835 <b>Collin's</b> Uterine Dilator.....	3.00
E/-3837 <b>Doleris'</b> Uterine Dilator.....	4.50
E/-3839 <b>Ellinger's</b> Uterine Dilator.....	5.00
E/-3855 <b>Fenton's</b> Uterine Dilator, double ended, set of 12.....	36.00

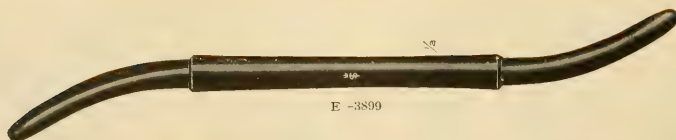




### Uterine Dilators

(Continued)

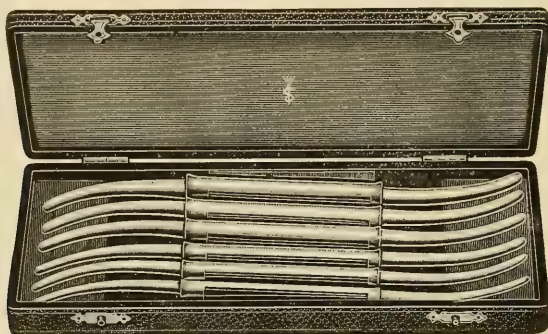
	Each
E/-3857 <b>Fritsch's</b> Uterine Dilator, set of 5 in 1 handle.....	\$ 4.00
E/-3867 <b>Goodell's</b> Uterine Dilator, large, entirely aseptic.....	5.00
E/-3868 <b>Goodell's</b> Uterine Dilator, small, entirely aseptic.....	5.00
E/-3883 <b>Goodell's</b> Uterine Dilator, Baer's modification, with scissor handles.....	5.50
E/-3887 <b>Goodell's</b> Uterine Dilator, with scissor handles.....	5.50



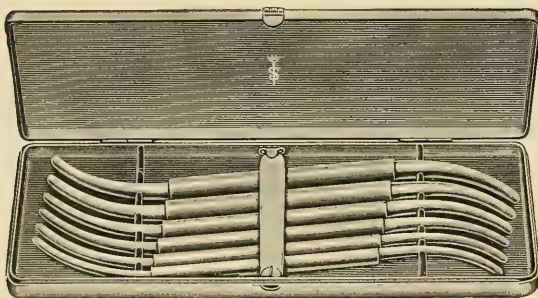
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E/-3905



E/-3907

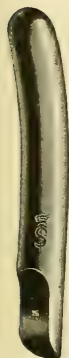


E/-3909

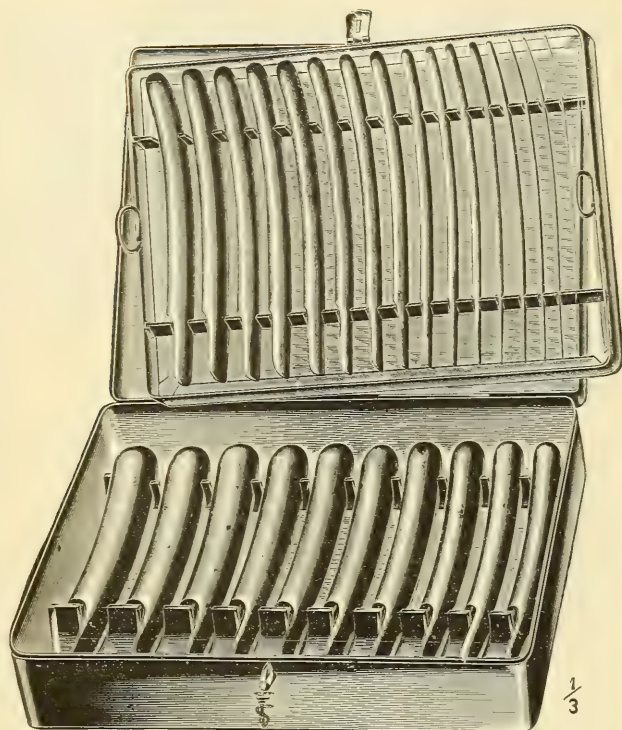
### Uterine Dilators

(Continued)

	Each
E/-3899 <b>Hanks'</b> Uterine Dilator, hard rubber, set of 6. . . . .	\$ 3.75
E/-3905 <b>Hanks'</b> Uterine Dilator, hollow metal, set of 6. . . . .	5.00
E/-3907 <b>Hanks'</b> Uterine Dilator, hollow metal, set of 6, in leather case. . . . .	6.00
E/-3909 <b>Hanks'</b> Uterine Dilator, hollow metal, set of 6, in metal case. . . . .	13.50

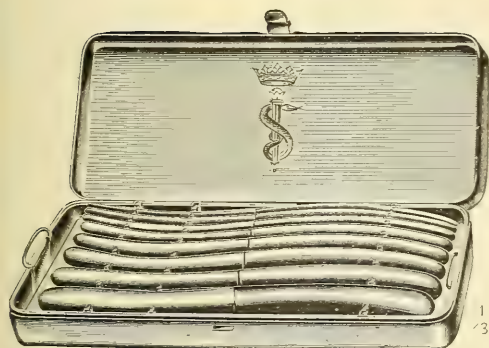


E/-3917



E/-3929-30

$\frac{1}{3}$



E/-3932

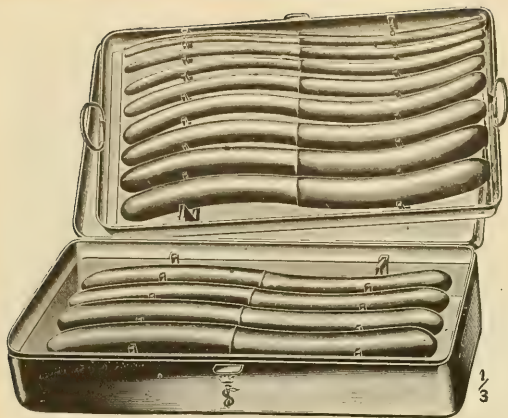
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## Uterine Dilators

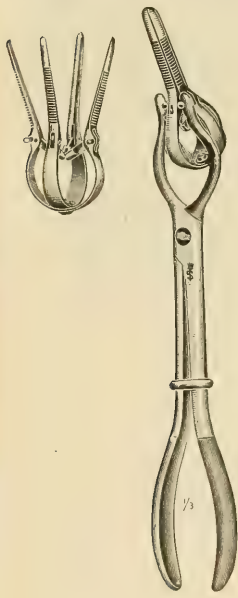
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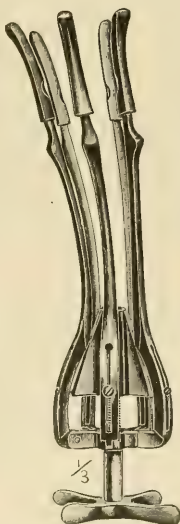
- |         |  |         |
|---------|--|---------|
| E/-3917 | Hegar's Uterine Dilator, hard rubber, set of 25.....                       | \$17.50 |
| E/-3929 | Hegar's Uterine Dilator, metal, set of 25, in wood case...                 | 24.00   |
| E/-3930 | Hegar's Uterine Dilator, metal, set of 26, in metal case..                 | 35.00   |
| E/-3932 | Hegar's Uterine Dilator, metal, double ended, set of 8, in metal case..... | 8.50    |



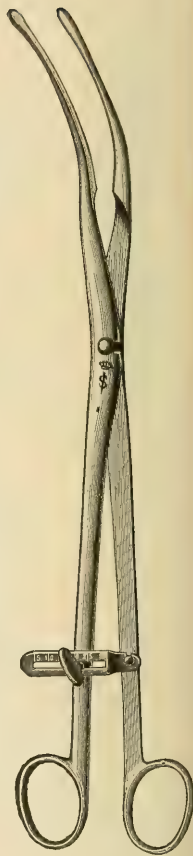
E/-3934



E/-3939



E/-3937



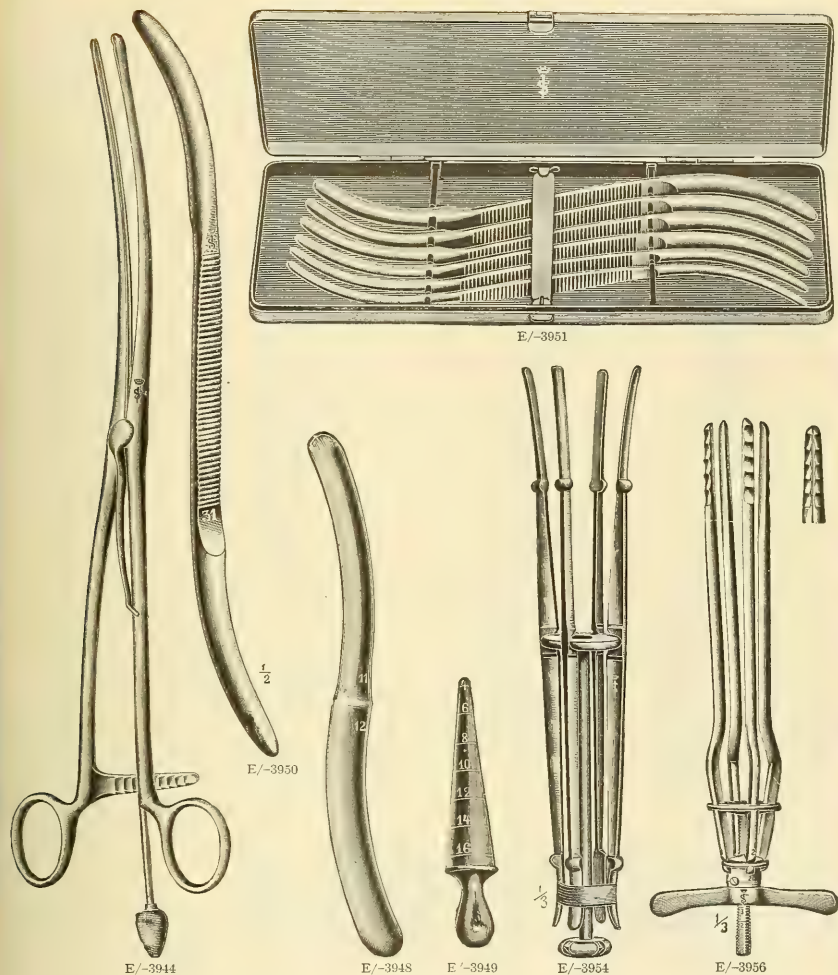
E/-3941

### Uterine Dilators

(Continued)

		Each
E/-3934	Hegar's Uterine Dilator, metal, double ended, set of 13, in metal case.....	\$ 15.00
E/-3937	Higgins' Uterine Dilator, modification of Bossi's, with 5 branches.....	30.00
E/-3939	Hirst's Uterine Dilator (Metranoliter), set of 2 specula and 1 handle.....	20.00
E/-3941	Hocks' Uterine Dilator, with gauge.....	5.00

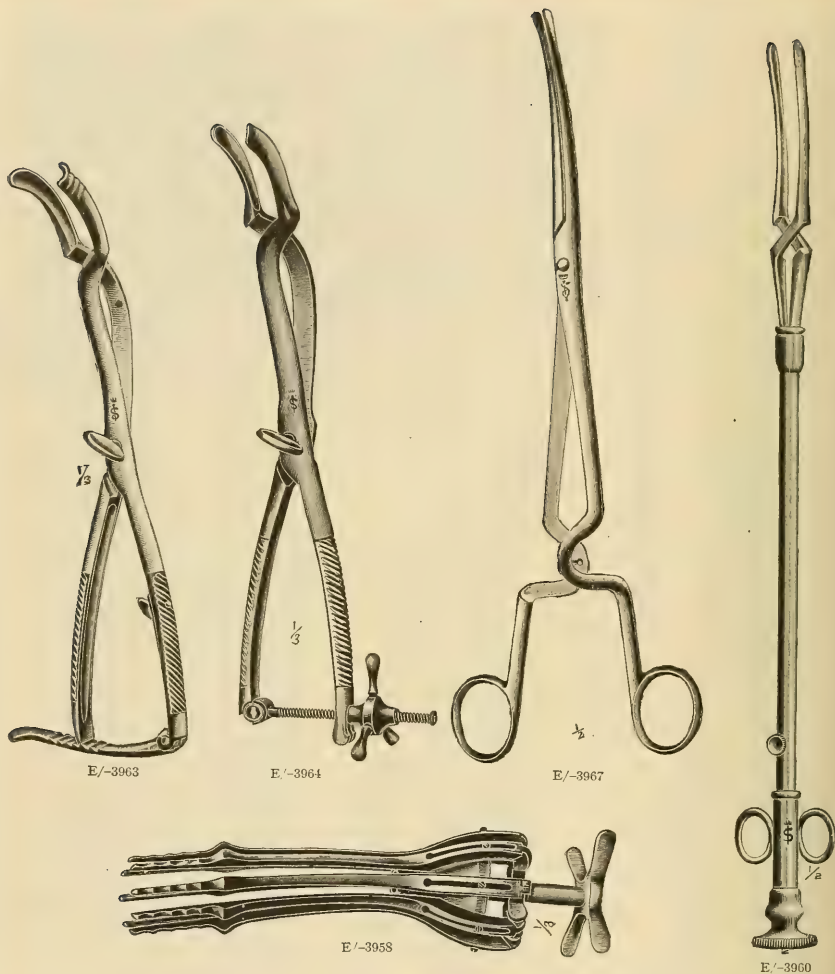




### Uterine Dilators

(Continued)

	Each
E/-3944 <b>Jayle's</b> Uterine Dilator, with irrigating attachment.....	\$ 8.00
E/-3948 <b>Kelly's</b> Uterine Dilator, double ended, 16 sizes, from 5 to 20 mm. diameter.....	1.25
E/-3949 <b>Kelly's</b> Urethral Calibrator.....	1.00
E/-3950 <b>Landau's</b> Uterine Dilator, double ended, set of 6.....	9.50
E/-3951 <b>Landau's</b> Uterine Dilator, double ended, set of 6, in metal case.....	15.00
E/-3954 <b>Leavitt's</b> Uterine Dilator, double ended, with 4 blades. One end with long and slender blades for gynecologic work and the other end with short and broad blades for obstetric work. (See Journal A. M. A., March 31, 1906).....	8.00
E/-3956 <b>Mensinga's</b> Uterine Dilator, with 4 branches.....	9.00



### Uterine Dilators

(Continued)

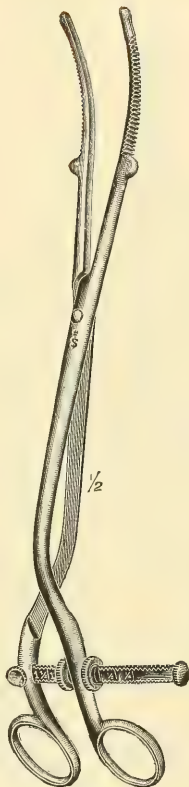
	Each
E/-3958 "Mundus" Uterine Dilator, heavy pattern, with 8 branches.....	\$ 32.00
E/-3960 Nelson's Uterine Dilator.....	3.50
E/-3963 Norris' (R. C.) Uterine Dilator, with serrated blades and ratchet.....	12.00
E/-3964 Norris' (R. C.) Uterine Dilator, modified by Dr. J. C. Hirst, with smooth blades and screw for gradual dilatation.....	14.00
E/-3967 Nott's Uterine Dilator.....	2.25



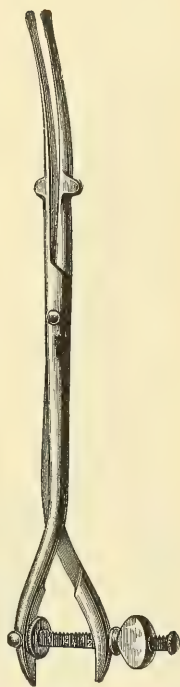
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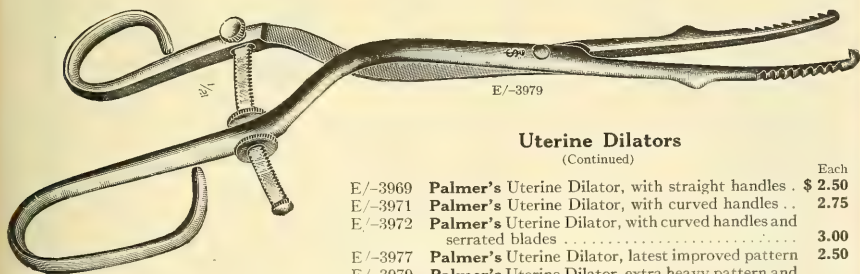
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E/-3972



E/-3977

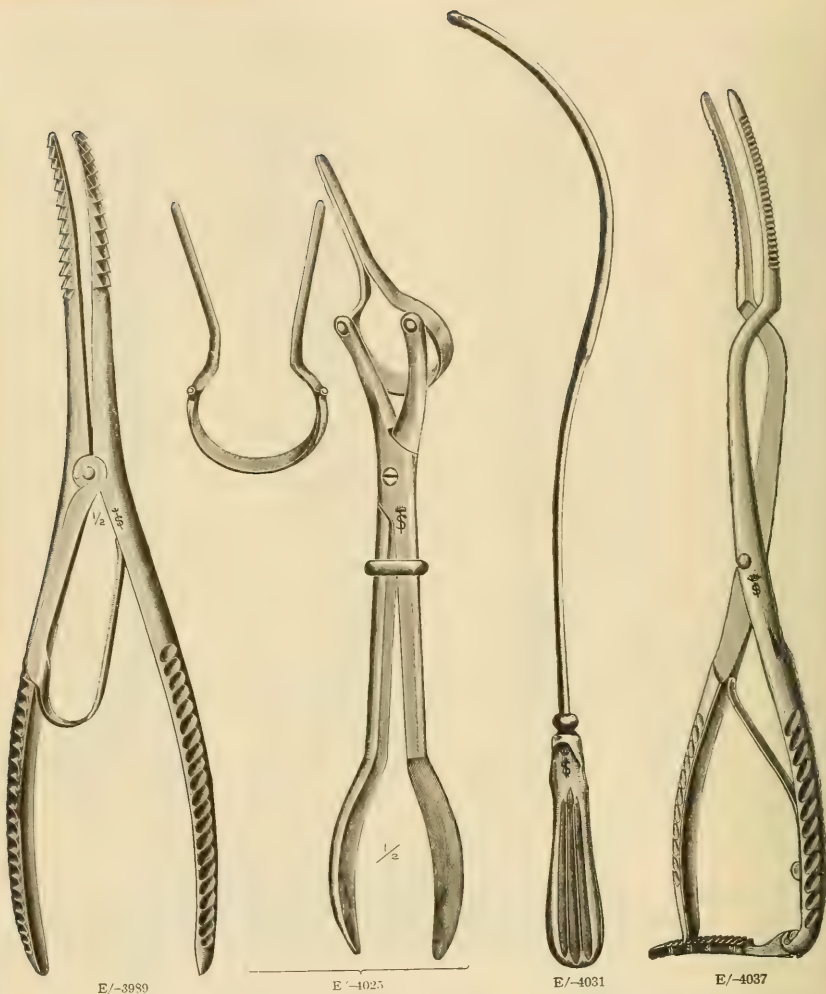


E/-3979

### Uterine Dilators

(Continued)

	Each
E/-3969 Palmer's Uterine Dilator, with straight handles . .	\$ 2.50
E/-3971 Palmer's Uterine Dilator, with curved handles . .	2.75
E/-3972 Palmer's Uterine Dilator, with curved handles and serrated blades . . . . .	3.00
E/-3977 Palmer's Uterine Dilator, latest improved pattern . . . . .	2.50
E/-3979 Palmer's Uterine Dilator, extra heavy pattern and one large handle for 2 fingers . . . . .	3.00

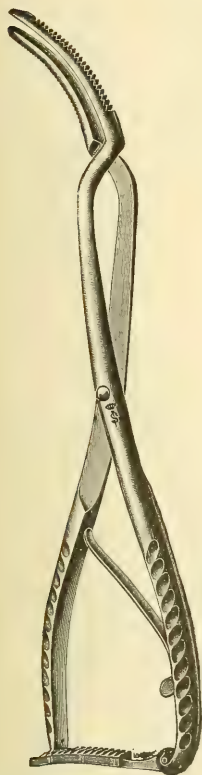


### Uterine Dilators

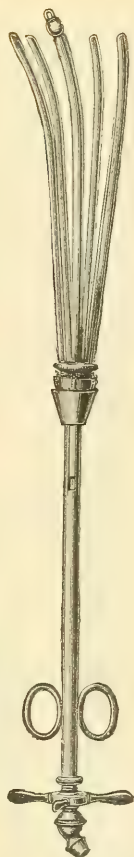
(Continued)

	Each
E/-3989 Pryor's Uterine Dilator.....	\$ 3.00
E/-4025 Schatz's Uterine Dilator (Metranoikter), 8 assorted specula and handle.....	25.00
E/-4031 Schroeder's Uterine Dilator, set of 5.....	6.50
E/-4037 Schultze's Uterine Dilator, dilating laterally.....	6.00

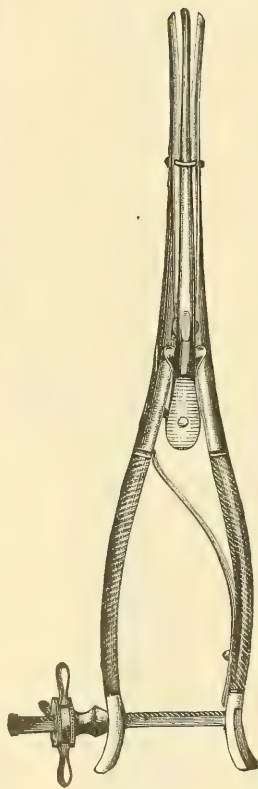




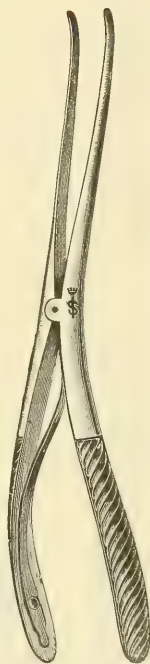
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E 4055



E/-4061

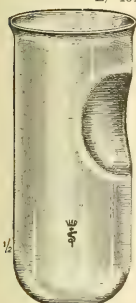


E/-4073

## Uterine Dilators

(Continued)

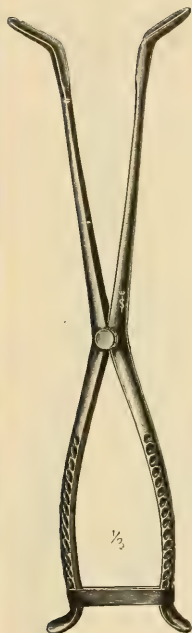
	Each
E/-4043 Schulitze's Uterine Dilator, dilating antero-posteriorly.....	\$ 6.00
E/-4055 Second's Uterine Dilator, irrigating, with 4 blades.....	8.00
E/-4061 Sims' Uterine Dilator, with 3 blades.....	8.00
E/-4063 Sims' Vaginal Plug, glass, 6 sizes, $\frac{3}{4}$ , 1, $1\frac{1}{8}$ , $1\frac{1}{4}$ , $1\frac{3}{8}$ and $1\frac{1}{2}$ inches diameter.....	.30
E/-4065 Sims' Vaginal Plug, hard rubber, 4 sizes, $1\frac{3}{8}$ , $1\frac{1}{2}$ , $1\frac{3}{4}$ and $1\frac{7}{8}$ inches diameter.....	.90
E/-4073 Siredey's Uterine Dilator.....	3.25



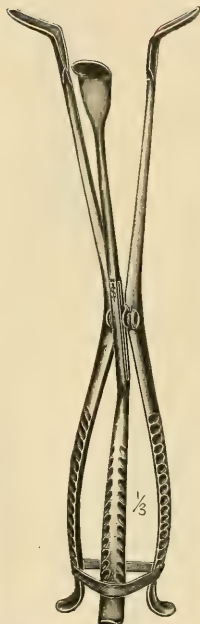
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E-4065



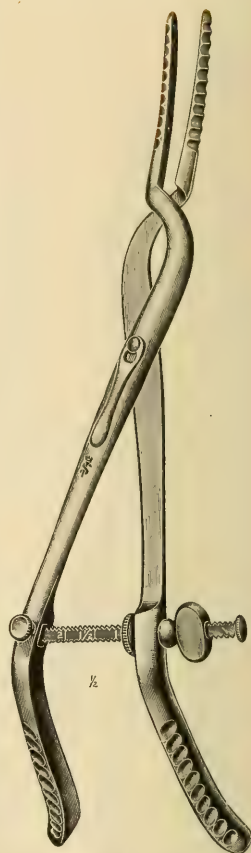
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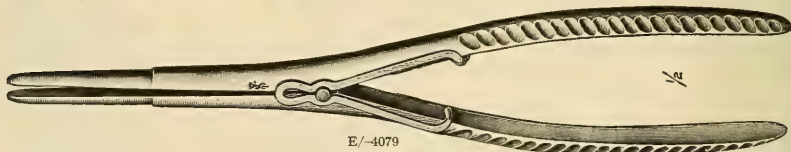
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E/-4075



E/-4091

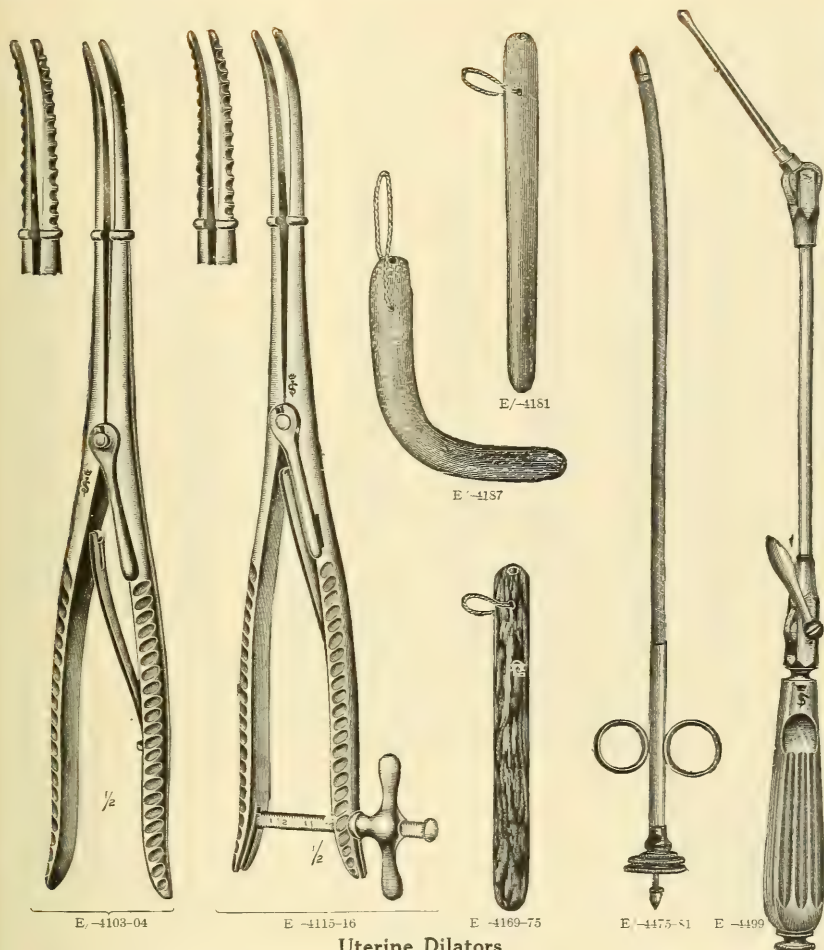


E/-4079

### Uterine Dilators

(Continued)

	Each
E/-4075 Starlinger's Uterine Dilator, double ended .....	\$ 2.00
E/-4077 Tarnier's Uterine Dilator, with 2 blades .....	5.00
E/-4078 Tarnier's Uterine Dilator, with 3 blades .....	6.00
E/-4079 Thomas' Uterine Dilator .....	2.50
E/-4091 Wathen's Uterine Dilator .....	3.00



### Uterine Dilators

(Continued)

	Each
E/-4103 Wylie's Uterine Dilator, plain, smooth blades	\$ 2.00
E/-4104 Wylie's Uterine Dilator, plain, corrugated blades	2.00
E/-4115 Wylie's Uterine Dilator, with gauge, smooth blades	2.50
E/-4116 Wylie's Uterine Dilator, with gauge, corrugated blades	2.50

### Tents

	Dozen
E/-4169 Sea Tangle (Laminaria) Tents, solid, assorted sizes	\$ 1.00
E/-4175 Sea Tangle (Laminaria) Tents, hollow, assorted sizes	1.25
E/-4181 Sponge Tents, straight, carbolyzed, assorted sizes	1.50
E/-4187 Sponge Tents, curved, carbolyzed, assorted sizes	2.75

Applicator for above, see E/-2232.

### Uterine Elevators or Repositors

	Each
E/-4475 Elliott's Uterine Elevator, with catheter web covering	\$ 2.50
E/-4481 Elliott's Uterine Elevator, with metal spiral and soft rubber cover	2.50
E/-4499 Ludlam's Uterine Elevator	3.50



E/-4553



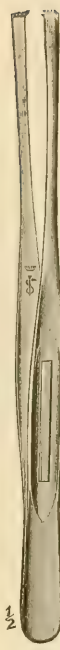
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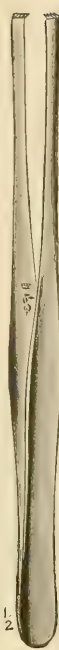
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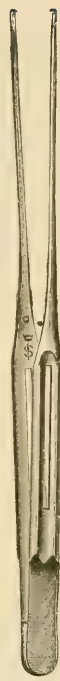
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E/-4586



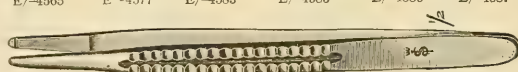
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E/-4607



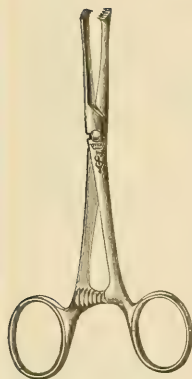
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E/-4558



E/-4589

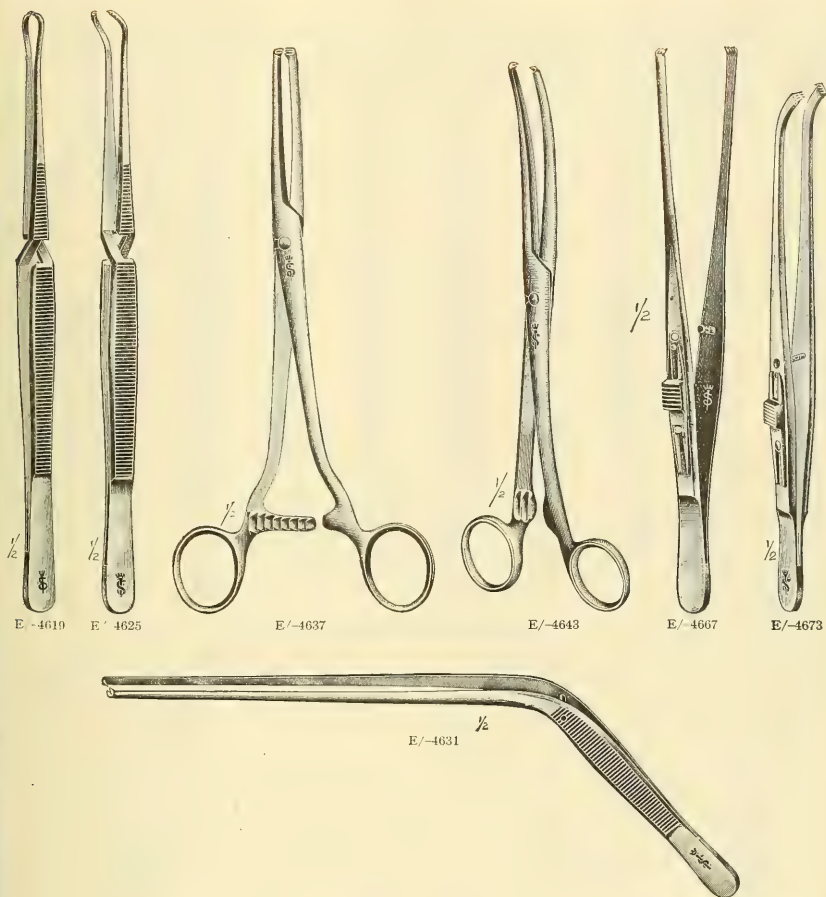


E/-4563

### Tissue Forceps

	Each
E/-4553 Byrnes' Tissue Forceps, angular, cross action.....	\$ 2.50
E/-4558 Copeland's Tissue Forceps, non-cutting.....	1.25
E/-4563 Doyen's Tissue Forceps.....	1.35
E/-4585 Durham's Tissue Forceps, with 5 and 6 teeth.....	2.50
E/-4577 Hegar's Tissue Forceps.....	2.75
E/-4583 Hegar's Tissue Forceps, with 2 sets of teeth..	2.75
E/-4585 Kelly's Tissue Forceps, with 3 and 4 teeth....	2.00
E/-4586 Kelly's Tissue Forceps, with 4 and 5 teeth....	2.25
E/-4587 Kelly's Tissue Forceps, very delicate, with 1 and 2 teeth.....	2.00
E/-4589 Koenig's Tissue Forceps, with 3 and 4 teeth..	2.50
E/-4607 Manton's Tissue Forceps, curved sideways, with 3 and 4 teeth.....	2.25
E/-4615 Mayo's Tissue Forceps, extra heavy.....	1.25

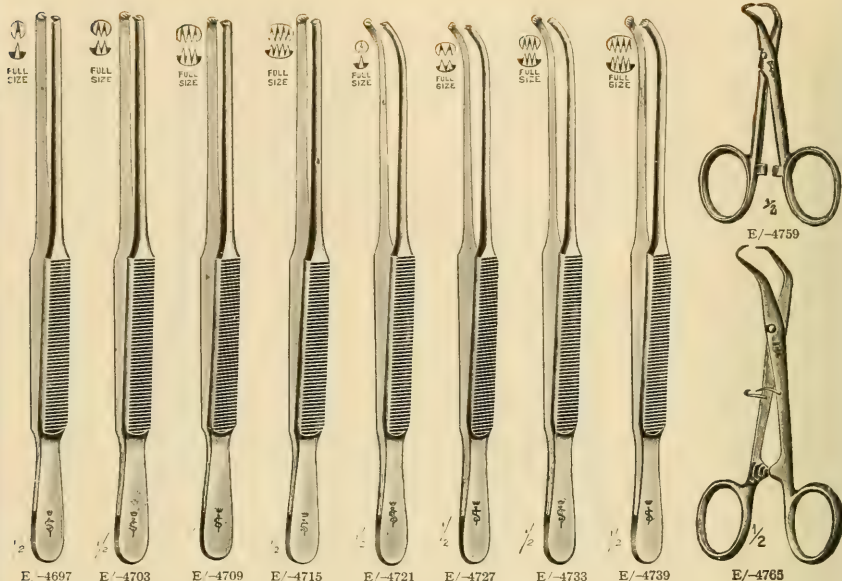




# Tissue Forceps

(Continued)

	Each
E/-4619 Nott's Tissue Forceps, cross action, straight . . . . .	\$ 2.25
E/-4625 Nott's Tissue Forceps, cross action, curved jaw . . . . .	2.25
E/-4631 Pick's Tissue Forceps, angular . . . . .	2.30
E/-4637 Saenger's Tissue Forceps, straight . . . . .	2.50
E/-4643 Saenger's Tissue Forceps, double curved . . . . .	2.50
E/-4667 Skene's Tissue Forceps, straight . . . . .	1.60
E/-4673 Skene's Tissue Forceps, curved . . . . .	1.75



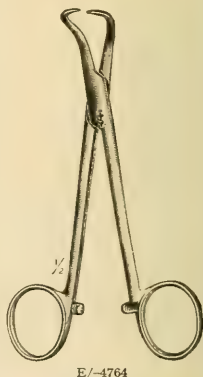
## Tissue Forceps

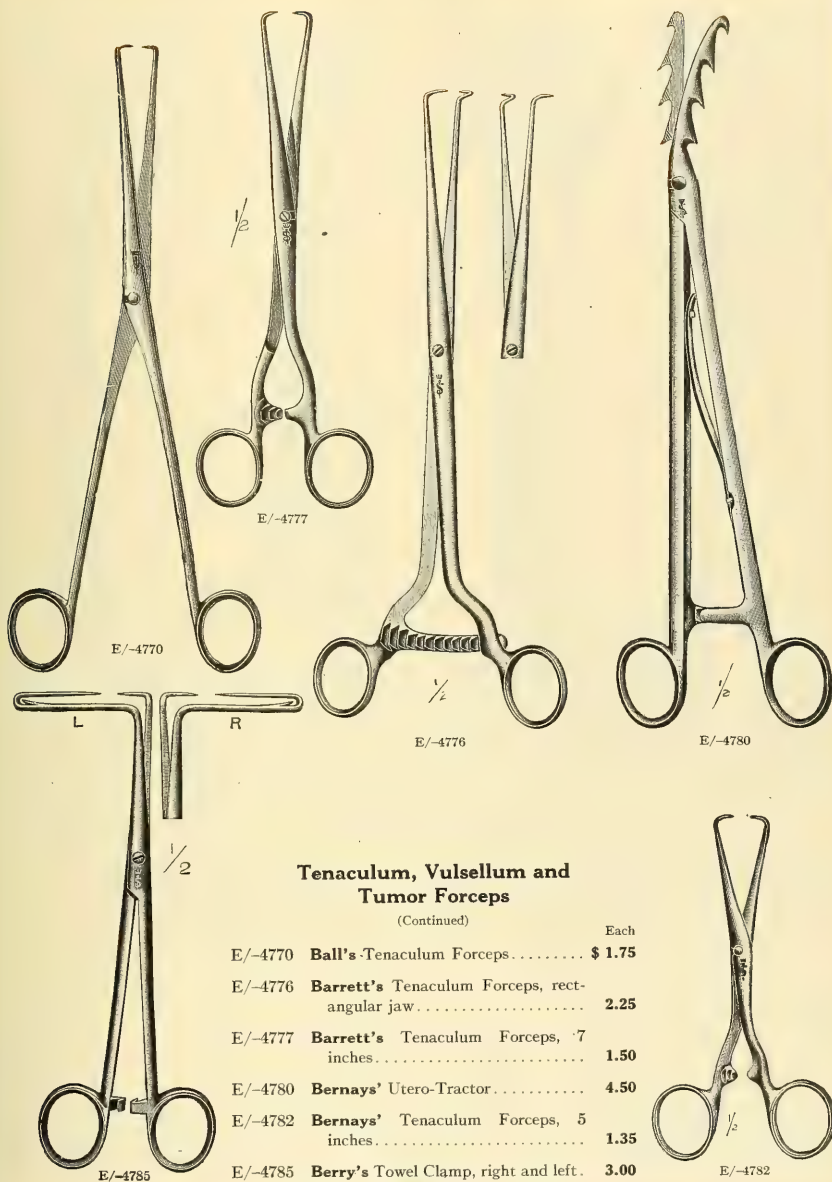
(Continued)

	Each
E/-4697 Plain Tissue Forceps, straight, with 1 and 2 teeth.....	\$ 1.00
E/-4703 Plain Tissue Forceps, straight, with 2 and 3 teeth.....	1.10
E/-4709 Plain Tissue Forceps, straight, with 3 and 4 teeth.....	1.25
E/-4715 Plain Tissue Forceps, straight, with 4 and 5 teeth.....	1.35
E/-4721 Plain Tissue Forceps, curved, with 1 and 2 teeth.....	1.10
E/-4727 Plain Tissue Forceps, curved, with 2 and 3 teeth.....	1.20
E/-4733 Plain Tissue Forceps, curved, with 3 and 4 teeth.....	1.35
E/-4739 Plain Tissue Forceps, curved, with 4 and 5 teeth.....	1.50

## Tenaculum, Vulsellum and Tumor Forceps

E/-4759 Backhaus' Towel Clamp, small, 3 inches, screw lock.....	.75
E/-4761 Backhaus' Towel Clamp, large, 5¼ inches, screw lock.....	1.00
E/-4764 Backhaus' Towel Clamp, large, 5¼ inches, with box (mortise) joint.....	1.50
E/-4765 Backhaus' Towel Clamp, with 2 sets of prongs, screw lock.....	1.50

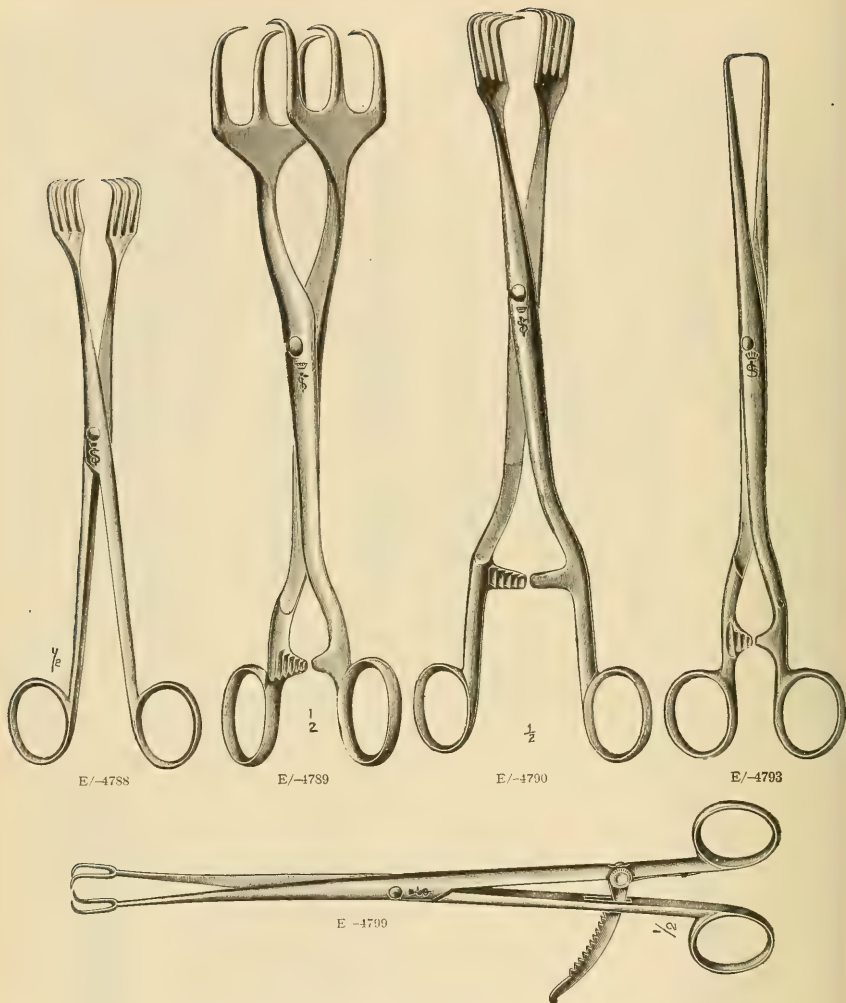




### Tenaculum, Vulsellum and Tumor Forceps

(Continued)

	Each
E/-4770 <b>Ball's</b> Tenaculum Forceps.....	\$ 1.75
E/-4776 <b>Barrett's</b> Tenaculum Forceps, rectangular jaw.....	2.25
E/-4777 <b>Barrett's</b> Tenaculum Forceps, '7 inches.....	1.50
E/-4780 <b>Bernays' Utero-Tractor</b> .....	4.50
E/-4782 <b>Bernays' Tenaculum Forceps</b> , 5 inches.....	1.35
E/-4785 <b>Berry's Towel Clamp</b> , right and left.....	3.00

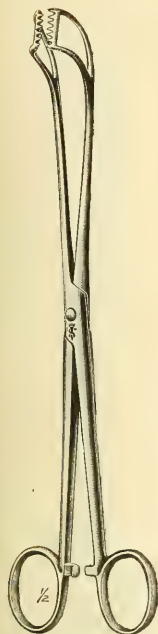


### Tenaculum, Vulsellum and Tumor Forceps

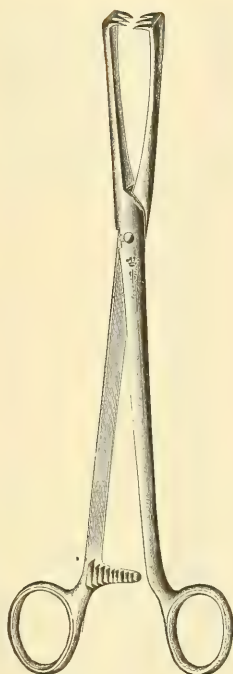
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	Each
E/-4788 Billroth's Tumor Forceps, with 8 prongs.....	\$ 2.50
E/-4789 Billroth's Tumor Forceps, with 6 prongs, extra heavy.....	3.75
E/-4790 Billroth's Tumor Forceps, with 8 prongs, with catch.....	3.00
E/-4793 Braun's Tenaculum Forceps.....	1.65
E/-4799 Bruns' Vulsellum Forceps, with ratchet catch.....	4.00





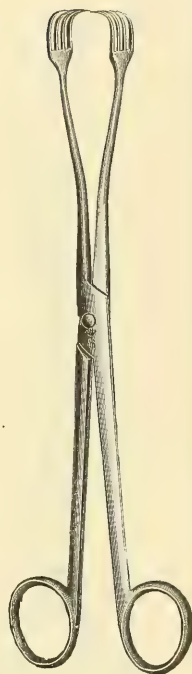
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E/-4841



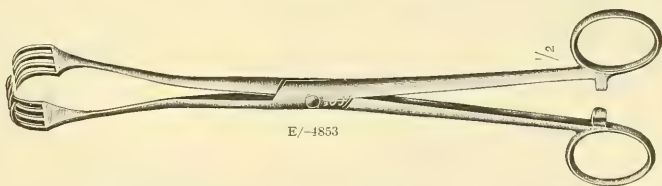
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E/-4847



E/-4805

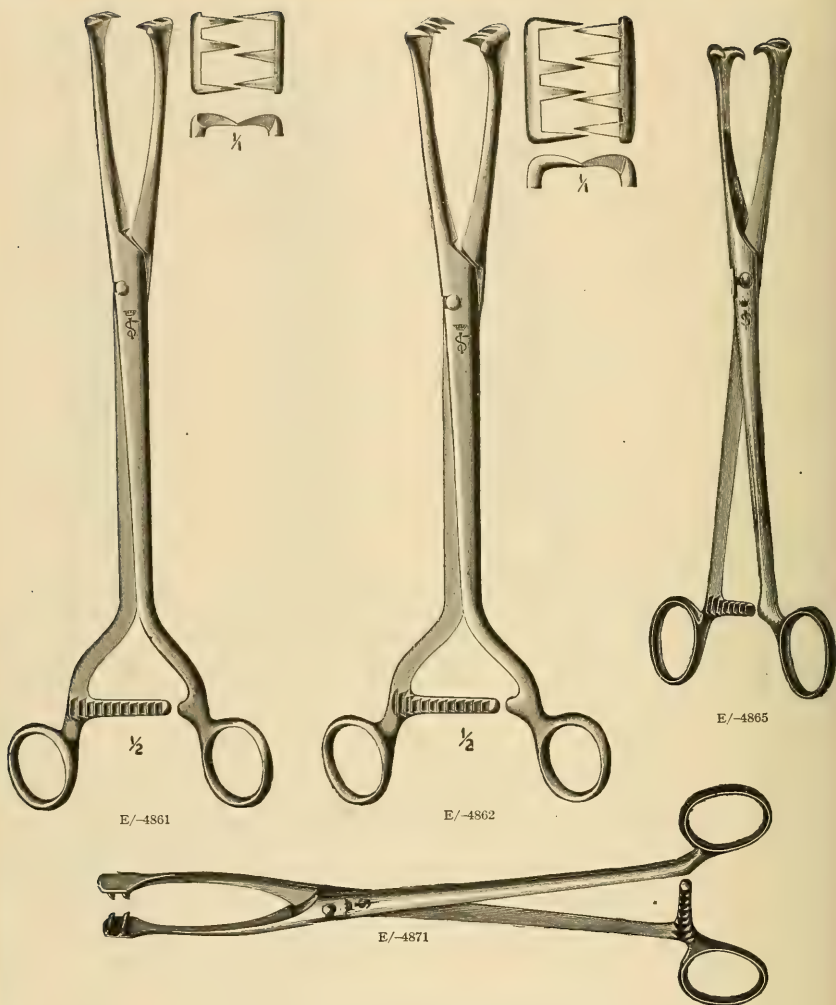


E/-4853

### Tenaculum, Vulsellum and Tumor Forceps

(Continued)

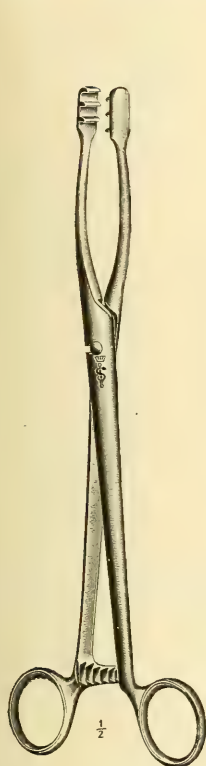
	Each
E/-4805 Byford's Vulsellum Forceps.....	\$ 2.50
E/-4817 Byrnes' Vulsellum Forceps, fenestrated jaws.....	3.25
E/-4841 Championnière's Vulsellum Forceps, straight.....	2.75
E/-4842 Championnière's Vulsellum Forceps, curved sideways.....	3.00
E/-4847 Chassaignac's Vulsellum Forceps.....	2.25
E/-4853 Chassaignac's Vulsellum Forceps, with catch.....	2.50



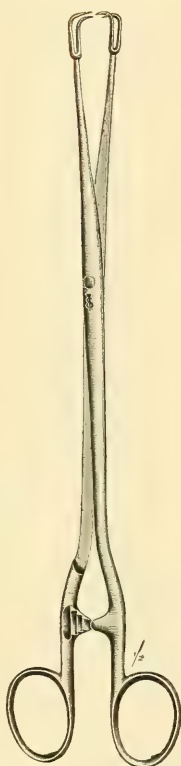
### Tenaculum, Vulsellum and Tumor Forceps

(Continued)

	Each
E/-4861 Collin's Tumor Forceps, extra heavy, with 3 and 3 teeth.....	\$ 3.25
E/-4862 Collin's Tumor Forceps, extra heavy, with 4 and 4 teeth.....	3.50
E/-4865 Collin's Vulsellum Forceps, with 4 inverted teeth.....	3.00
E/-4871 Collin's Vulsellum Forceps, with 4 transverse teeth.....	3.75



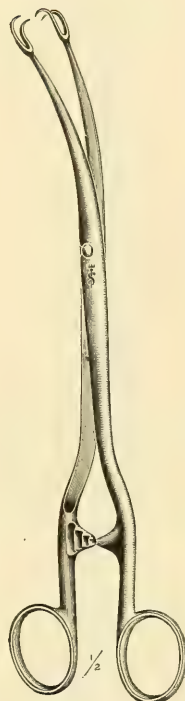
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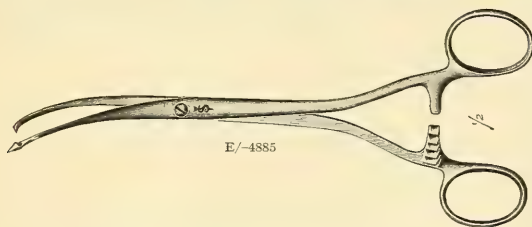
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E 4906



E/-4907

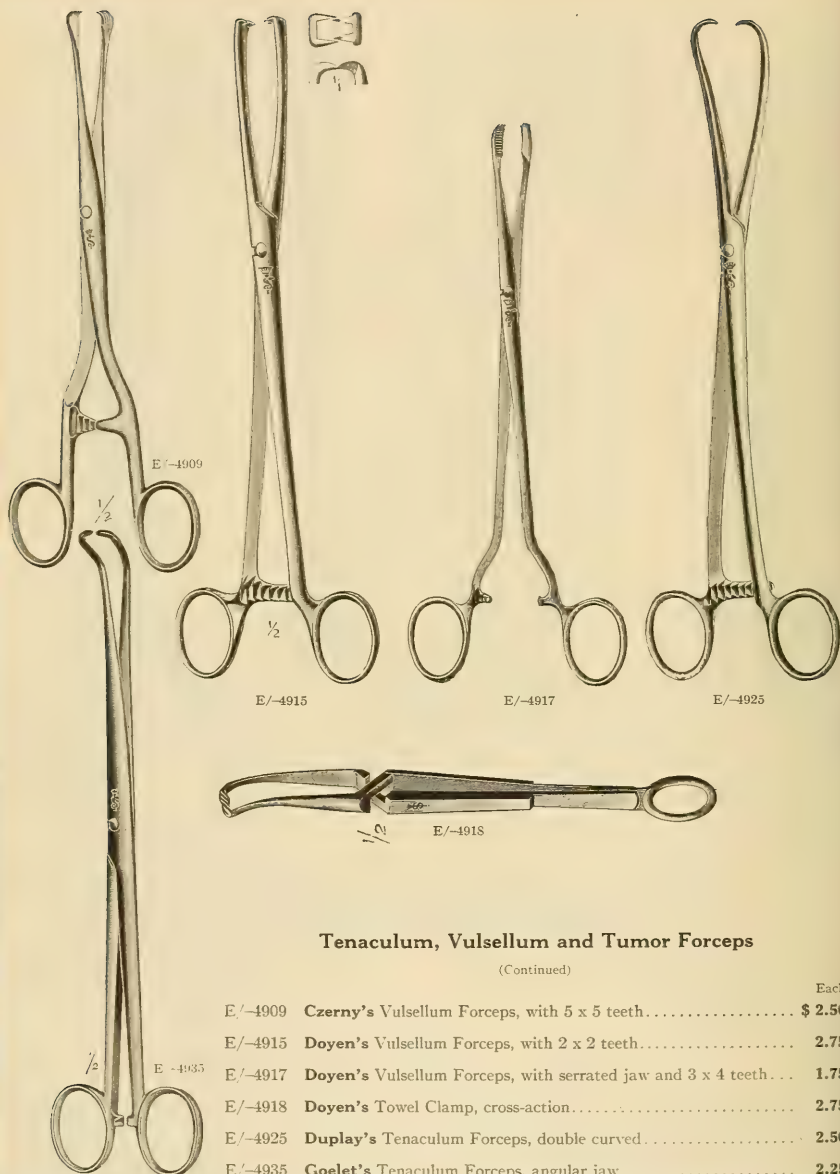


E/-4885

# Tenaculum, Vulsellum and Tumor Forceps

(Continued)

	Each
E/-4877 Collin's Vulsellum Forceps, with 6 transverse teeth.....	\$ 4.00
E/-4885 Crossen's Puncturing Tenaculum Forceps.....	2.00
E/-4905 Cushing's Vulsellum Forceps, straight.....	2.00
E/-4906 Cushing's Vulsellum Forceps, curved on flat.....	2.00
E/-4907 Cushing's Vulsellum Forceps, curved sideways.....	2.00



### Tenaculum, Vulsellum and Tumor Forceps

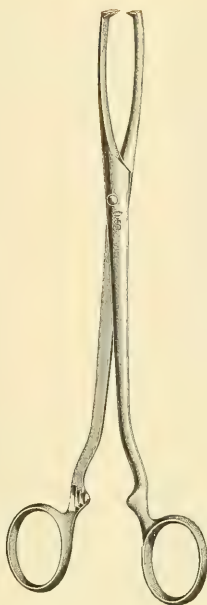
(Continued)

	Each
E/-4909 Czerny's Vulsellum Forceps, with 5 x 5 teeth.....	\$ 2.50
E/-4915 Doyen's Vulsellum Forceps, with 2 x 2 teeth.....	2.75
E/-4917 Doyen's Vulsellum Forceps, with serrated jaw and 3 x 4 teeth...	1.75
E/-4918 Doyen's Towel Clamp, cross-action.....	2.75
E/-4925 Duplay's Tenaculum Forceps, double curved.....	2.50
E/-4935 Goelet's Tenaculum Forceps, angular jaw.....	2.25

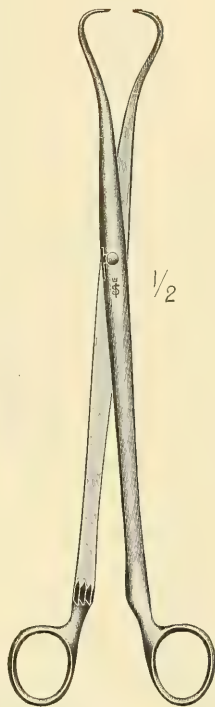




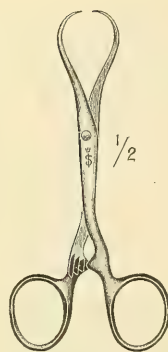
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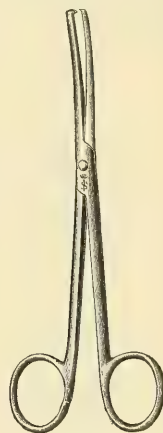
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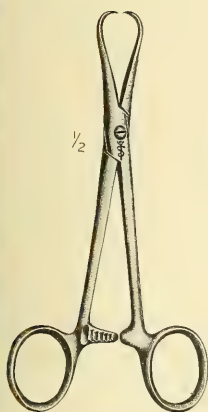
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E/-4948



E/-4949

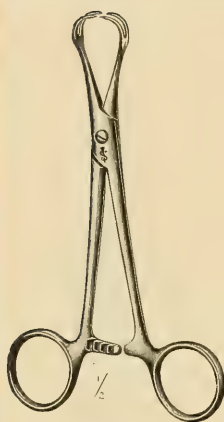


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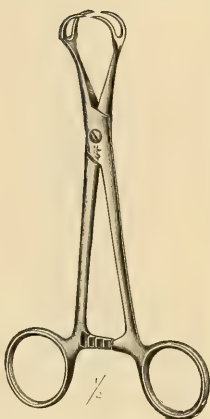
### Tenaculum, Vulsellum and Tumor Forceps

(Continued)

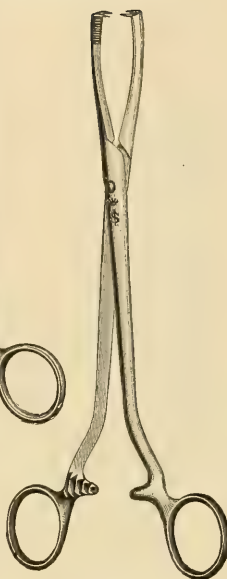
	Each
E/-4937 Hanks' Tenaculum Forceps.....	\$ 2.50
E/-4945 Henrotin's Vulsellum Forceps.....	2.25
E/-4946 Hirst's Tenaculum Forceps.....	2.25
E/-4948 Hulse's Tenaculum Forceps.....	1.25
E/-4949 Jackson's Tissue Forceps.....	1.75
E/-4953 Jackson's Tenaculum Forceps.....	1.50



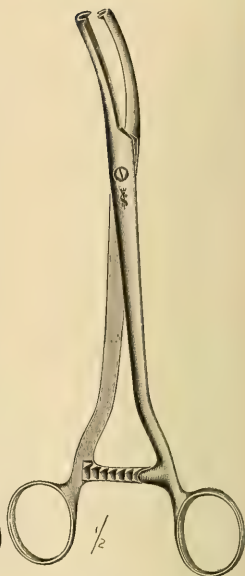
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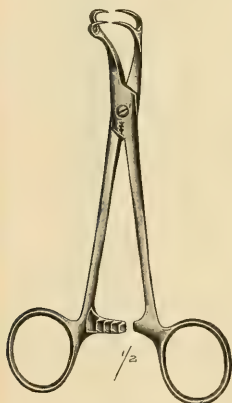
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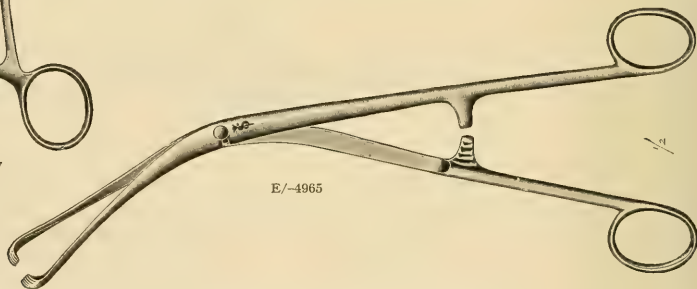
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E/-4957

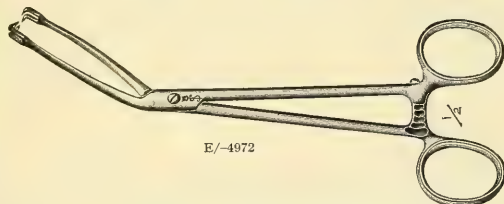
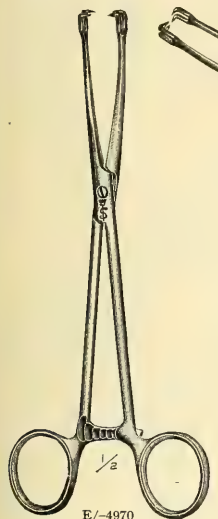
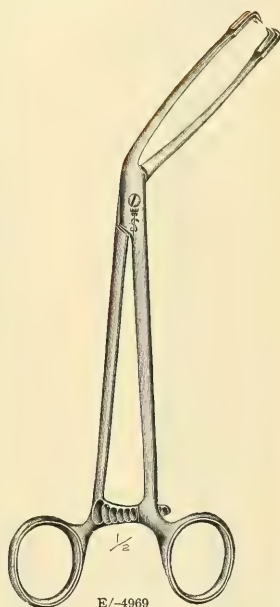
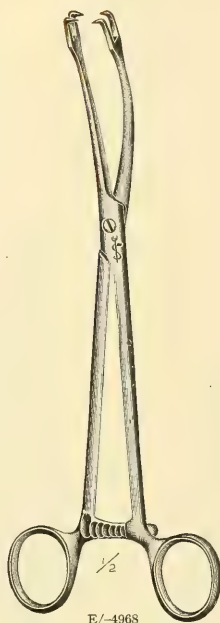
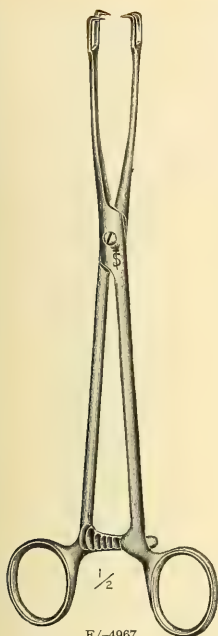


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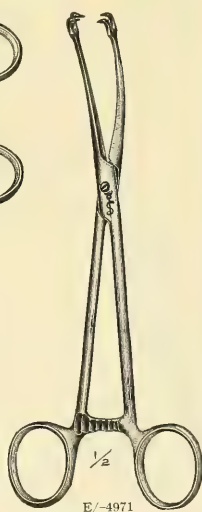
### Tenaculum, Vulsellum and Tumor Forceps

(Continued)

	Each
E/-4954 <b>Jackson's</b> Vulsellum Forceps, narrow jaw .....	\$ 2.25
E/-4956 <b>Jackson's</b> Vulsellum Forceps, broad jaw .....	2.25
E/-4957 <b>Jackson's</b> Vulsellum Forceps, angular .....	2.50
E/-4960 <b>Jacobs'</b> Vulsellum Forceps, straight .....	2.00
E/-4962 <b>Jacobs'</b> Vulsellum Forceps, curved sideways .....	2.25
E/-4965 <b>Kelly's</b> Vulsellum Forceps .....	2.25



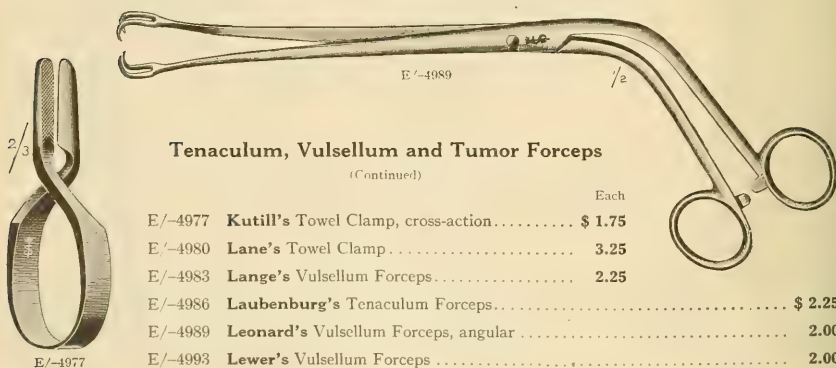
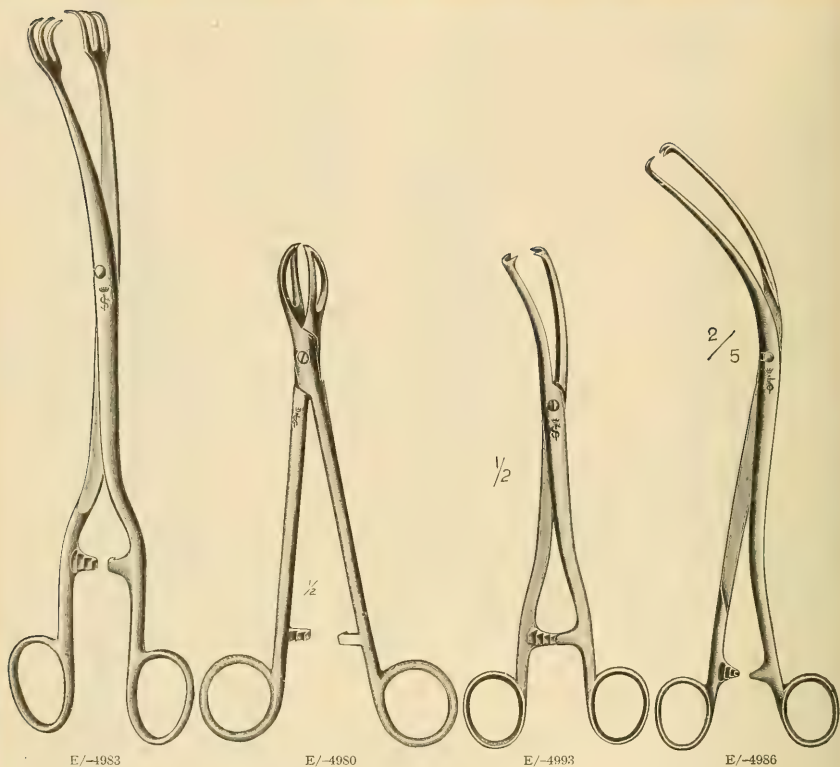
E/-4972



### Tenaculum, Vulsellum and Tumor Forceps

(Continued)

	Each
E/-4967 Kny-Scheerer Co.'s Vulsellum Forceps, straight, 9 inches.....	\$ 2.00
E/-4968 Kny-Scheerer Co.'s Vulsellum Forceps, curved on flat, 9 inches.....	2.00
E/-4969 Kny-Scheerer Co.'s Vulsellum Forceps, angular, 9 inches.....	2.00
E/-4970 Kny-Scheerer Co.'s Vulsellum Forceps, straight, 7 inches.....	1.75
E/-4971 Kny-Scheerer Co.'s Vulsellum Forceps, curved on flat, 7 inches.....	1.75
E/-4972 Kny-Scheerer Co.'s Vulsellum Forceps, angular, 7 inches.....	1.75

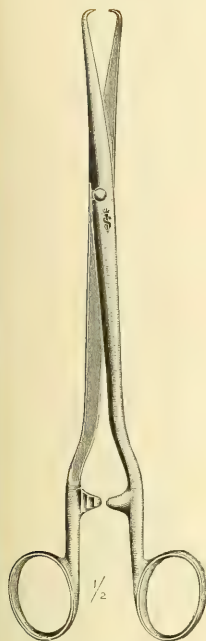


### Tenaculum, Vulsellum and Tumor Forceps

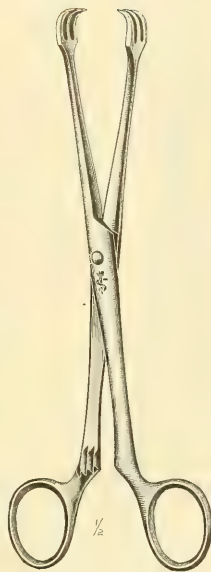
(Continued)

	Each
E/-4977 Kutill's Towel Clamp, cross-action.....	\$ 1.75
E/-4980 Lane's Towel Clamp.....	3.25
E/-4983 Lange's Vulsellum Forceps.....	2.25
E/-4986 Laubenburg's Tenaculum Forceps.....	\$ 2.25
E/-4989 Leonard's Vulsellum Forceps, angular.....	2.00
E/-4993 Lewer's Vulsellum Forceps.....	2.00





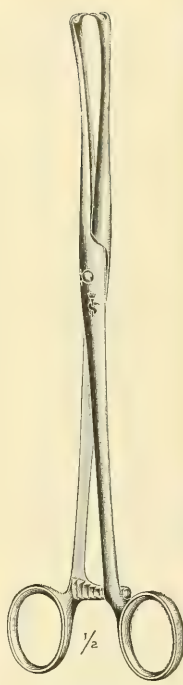
E/-4995



E/-4997



E/-5002



E/-5004

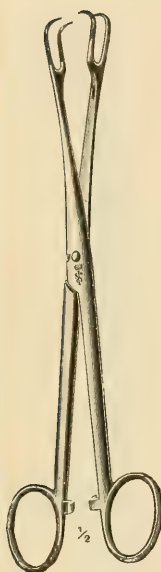


E/-4998

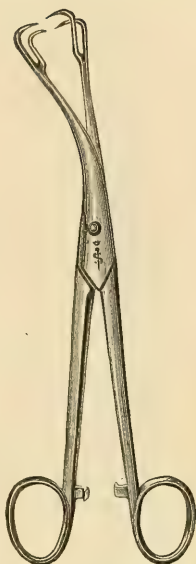
### Tenaculum, Vulsellum and Tumor Forceps

(Continued)

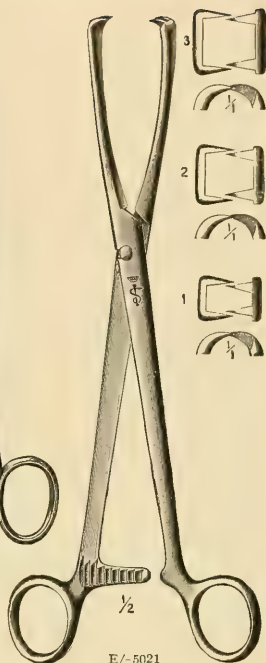
	Each
E/-4995 <b>Martin's Tenaculum Forceps</b> .....	<b>\$ 1.75</b>
E/-4997 <b>Mass. Grl. Hosp. Vulsellum Forceps</b> .....	<b>3.00</b>
E/-4998 <b>Mass. Grl. Hosp. Vulsellum Forceps, light pattern, 6 1/4 inches</b> .....	<b>2.00</b>
E/-5002 <b>Mathieu's Vulsellum Forceps, light pattern, straight</b> .....	<b>2.50</b>
E/-5004 <b>Mathieu's Vulsellum Forceps, heavy pattern, curved</b> .....	<b>2.50</b>



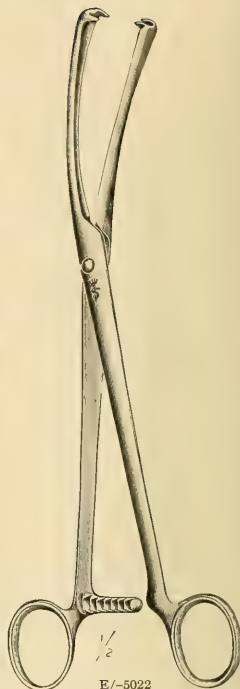
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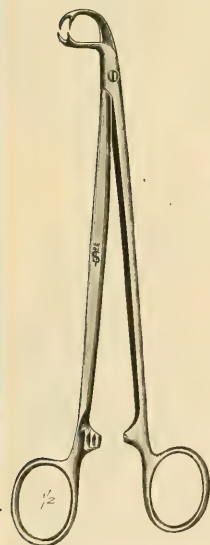
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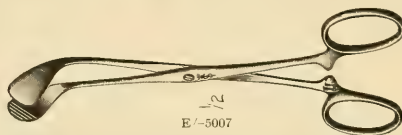
E/-5021



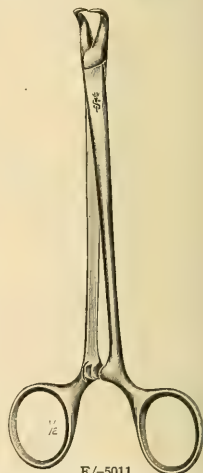
E/-5022



E/-5010



E/-5007

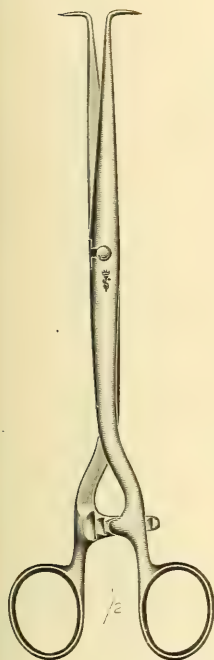


E/-5011

### Tenaculum, Vulsellum and Tumor Forceps

(Continued)

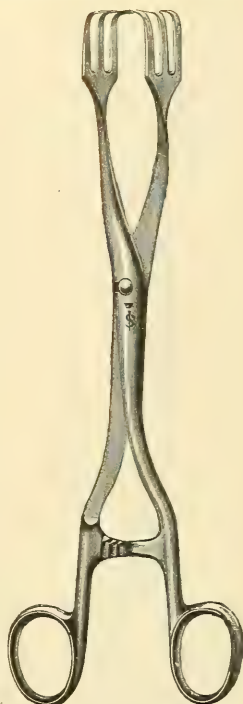
	Each
E/-5007 Mikulicz's Towel Clamp.....	\$ 2.00
E/-5010 Moynihan's Towel Clamp, with double prongs.....	2.50
E/-5011 Moynihan's Towel Clamp, with single prongs.....	2.00
E/-5016 Museux's Vulsellum Forceps, straight.....	1.75
E/-5017 Museux's Vulsellum Forceps, curved on edge.....	1.75
E/-5021 Museux-Collin's Vulsellum Forceps, straight, 3 sizes.....	2.50
E/-5022 Museux-Collin's Vulsellum Forceps, curved sideways.....	2.75



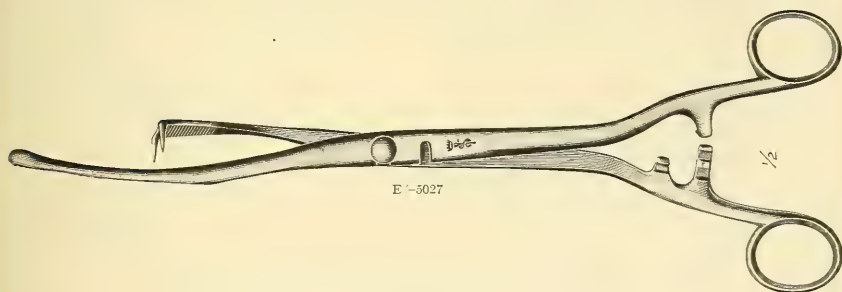
E/-5026



E/-5027



E. 5039

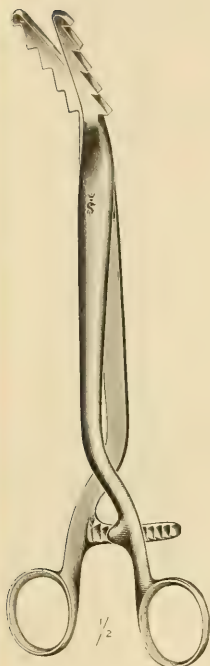


E/-5027

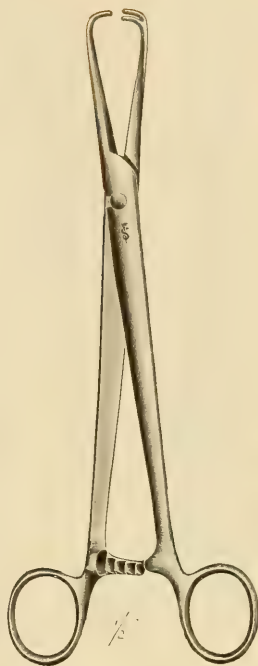
### Tenaculum, Vulsellum and Tumor Forceps

(Continued)

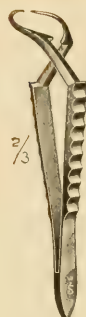
	Each
E/-5026 Newman's Tenaculum Forceps, latest pattern.....	\$ 2.00
E/-5027 Orthmann's Vulsellum Forceps.....	3.25
E/-5033 Pozzi's Tenaculum Forceps.....	2.00
E/-5039 Pratt's Vulsellum Forceps.....	3.50



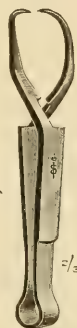
E/-5040



E/-5041



E/-5044



E/-5046



E/-5057



E/-5063

### Tenaculum, Vulsellum and Tumor Forceps

(Continued)

	Each
E/-5040 Pryor's Utero Tractor.....	\$ 4.00
E/-5041 Pryor's Vulsellum Forceps, with blunt prongs.....	3.00
E/-5044 Schaedel's Towel Clamp, cross-action, steel.....	1.00
E/-5046 Schaedel's Towel Clamp, cross-action, nickeline.....	1.25
E/-5057 Schroeder's Tenaculum Forceps.....	1.65
E/-5063 Schroeder's Vulsellum Forceps, straight.....	1.75





E/-5069



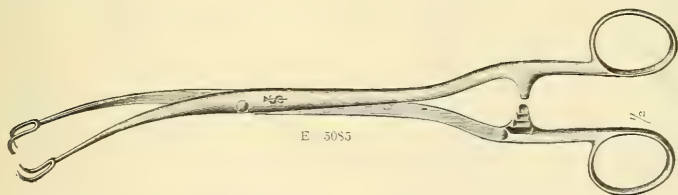
E/-5075



E/-5081



E/-5083

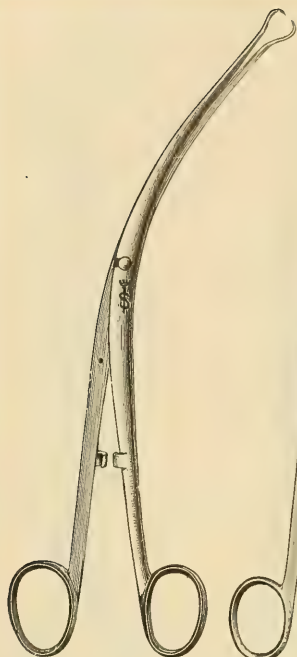


E 5085

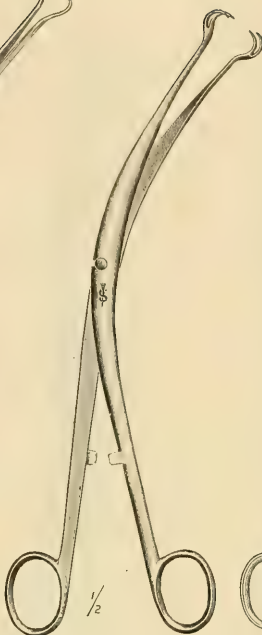
### Tenaculum, Vulsellum and Tumor Forceps

(Continued)

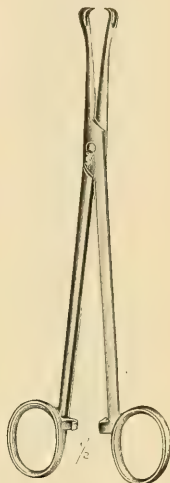
	Each
E/-5069 Schroeder's Vulsellum Forceps, curved sideways.....	\$ 1.75
E/-5075 Schroeder's Vulsellum Forceps, with catch, straight.....	2.00
E/-5081 Schroeder's Vulsellum Forceps, with catch, curved sideways.....	2.00
E/-5083 Schroeder's Vulsellum Forceps, with catch, curved on flat.....	2.00
E/-5085 Schroeder's Vulsellum Forceps, with catch, short pattern, curved sideways.....	2.00



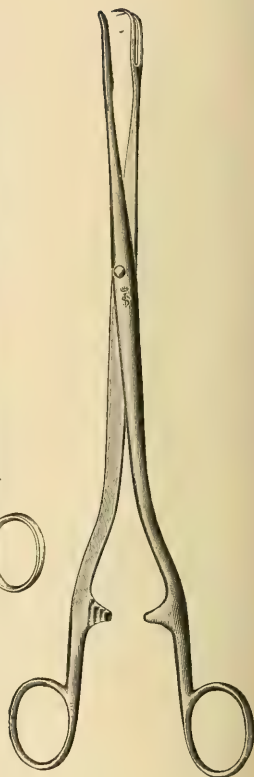
E/-5099



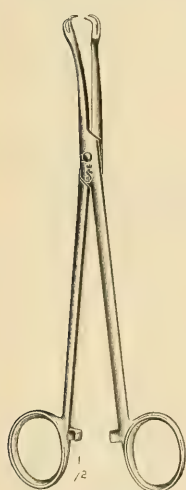
E/-5100



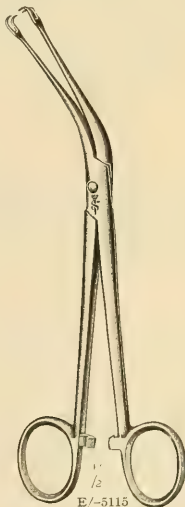
E/-5111



E/-5088



E/-5113



E/-5115

### Tenaculum, Vulsellum and Tumor Forceps

(Continued)

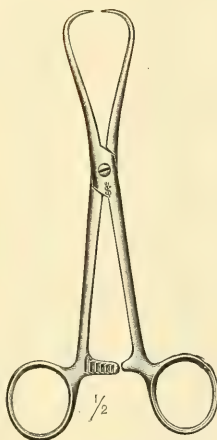
	Each
E/-5088 Schultze's Vulsellum Forceps...	\$ 2.00
E/-5099 Skene's Tenaculum Forceps.....	1.50
E/-5100 Skene's Vulsellum Forceps.....	2.25
E/-5111 Small Vulsellum Forceps, straight, 7 inches.....	1.50
E/-5113 Small Vulsellum Forceps, curved on flat, 7 inches.....	1.50
E/-5115 Small Vulsellum Forceps, angular, 7 inches.....	1.75



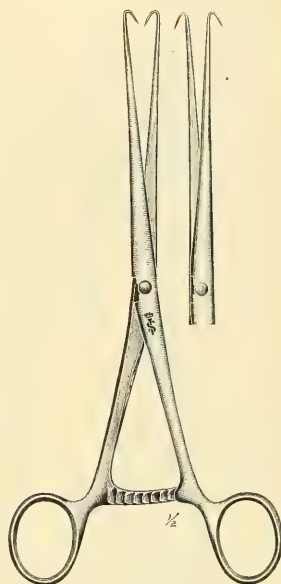
E/-5117



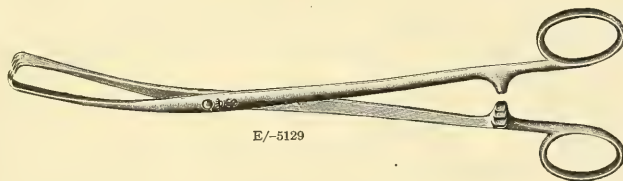
E/-5123



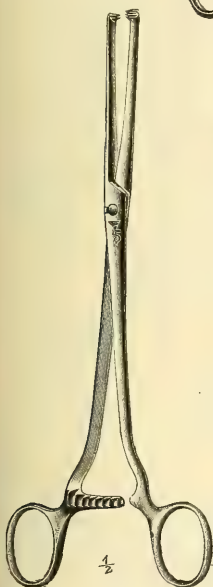
E/-5124



E/-5135



E/-5129

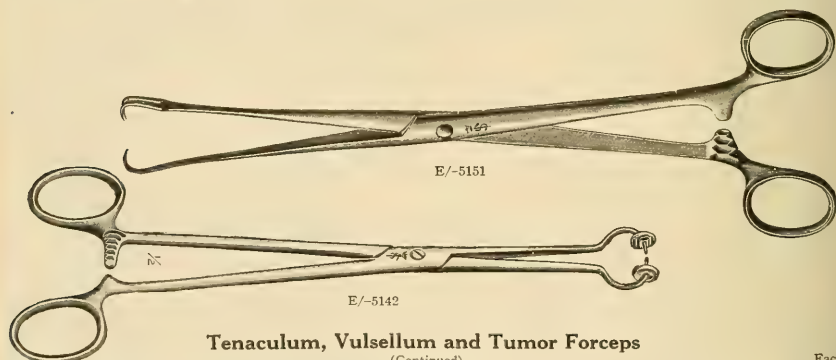
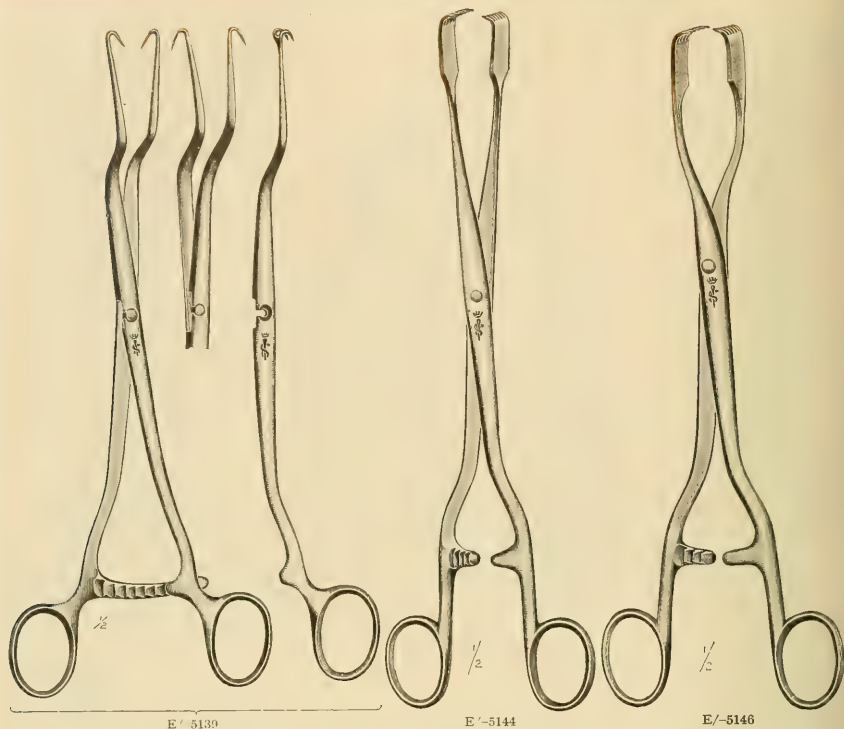


E/-5135

### Tenaculum, Vulsellum and Tumor Forceps

(Continued)

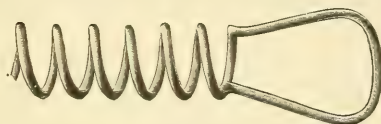
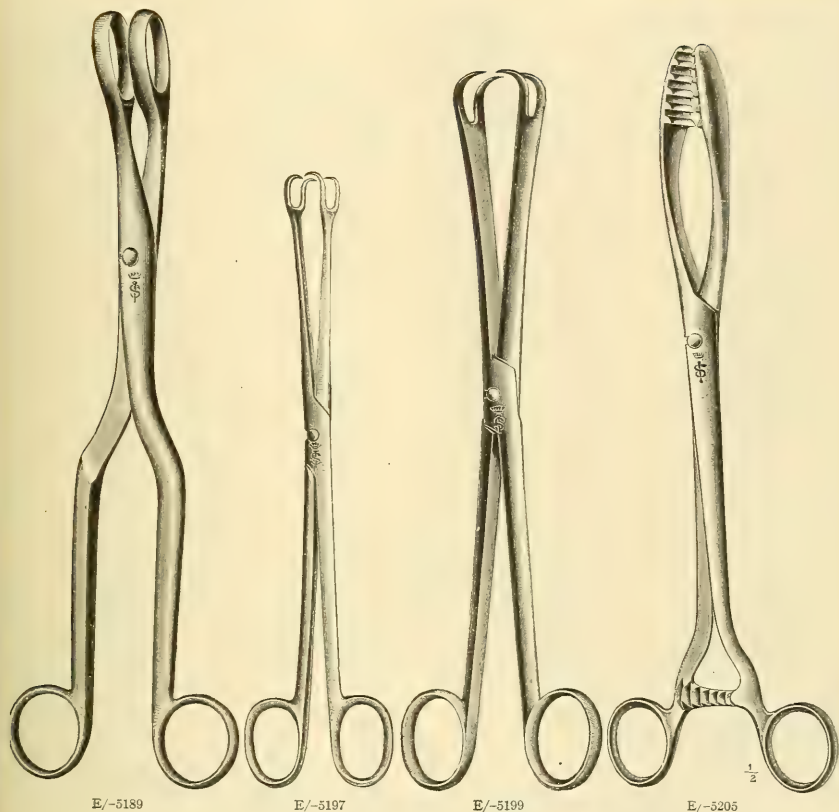
	Each
E/-5117 Staude's Vulsellum Forceps.....	\$ 2.00
E/-5123 Staude's Tenaculum Forceps.....	1.50
E/-5124 Staude-Moore's Tenaculum Forceps.....	1.50
E/-5129 Teale's Vulsellum Forceps.....	2.50
E/-5135 Trélat's Vulsellum Forceps.....	2.50
E/-5138 Werneck's Vulsellum Forceps, inverted prongs.....	3.00



**Tenaculum, Vulsellum and Tumor Forceps**  
(Continued)

	Each
E/-5139 <b>Werneck's</b> Tenaculum Forceps, bayonet shape, with extra double pronged blade.....	\$ 5.25
E/-5142 <b>Williams' Tenaculum Forceps</b> .....	3.00
E/-5144 <b>Winter's Vulsellum Forceps</b> , original pattern.....	2.50
E/-5146 <b>Winter's Vulsellum Forceps</b> , latest pattern.....	3.00
E/-5151 <b>Wylie's Tenaculum Forceps</b> .....	2.25





E/-5208

### Uterine Polypus and Tumor Forceps

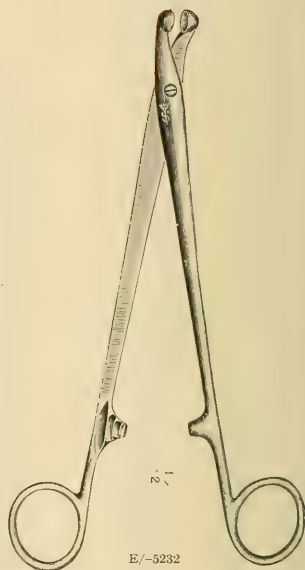
	Each
E/-5189 Bishop's Polypus Forceps, with cutting edge.....	\$ 5.50
E/-5197 Byford's Polypus Forceps, small pattern.....	2.00
E/-5199 Byford's Polypus Forceps, large pattern.....	3.75
E/-5205 Collin's Polypus Forceps.....	6.50
E/-5208 Delagenière's Tumor Screw.....	1.25



E/-5210



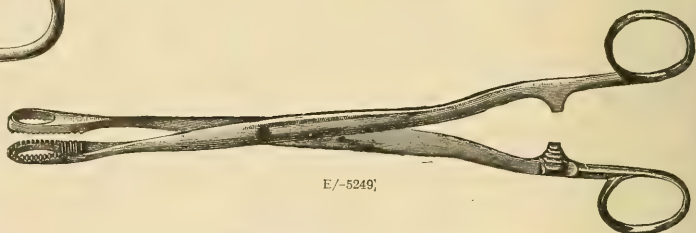
E/-5216-18



E/-5232



E/-5212

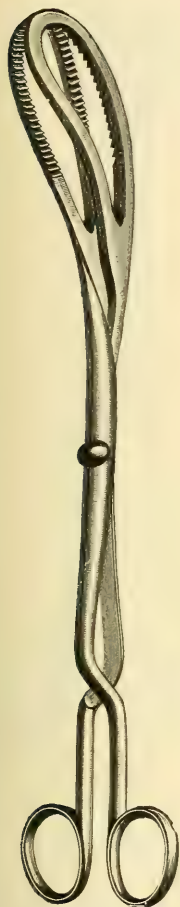


E/-5249

### Uterine Polypus and Tumor Forceps

(Continued)

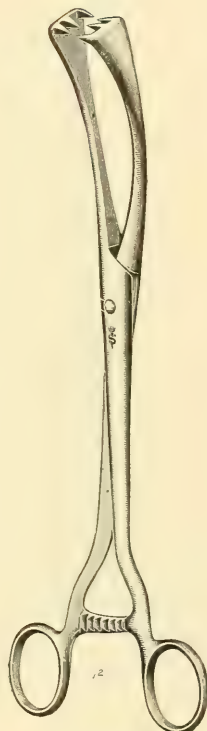
	Each
E/-5210 Doyen's Tumor Screw, large.....	\$ 1.50
E/-5212 Doyen's Tumor Screw, small.....	1.50
E/-5216 Doyen's Polypus Forceps, small, 9½ inches long.....	4.00
E/-5217 Doyen's Polypus Forceps, medium, 9½ inches long.....	4.25
E/-5218 Doyen's Polypus Forceps, large, 9½ inches long.....	4.50
E/-5232 Gaylor's Uterine Specimen Forceps.....	3.00
E/-5249 Heywood Smith's Polypus Forceps, small.....	2.75



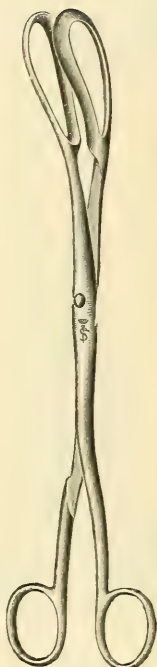
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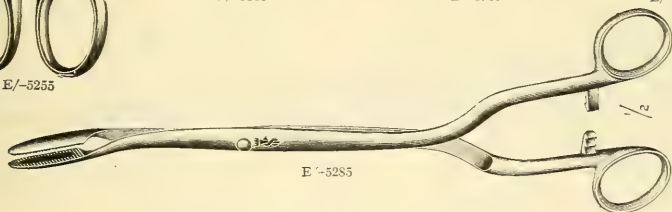
E/-5263



E/-5265



E/-5279

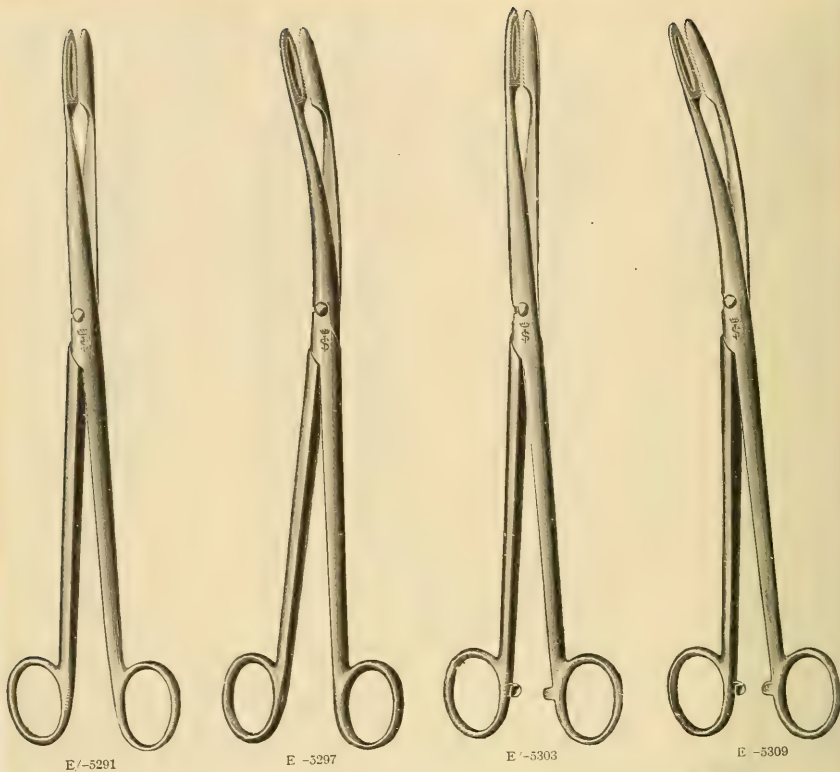


E/-5285

### Uterine Polypus and Tumor Forceps

(Continued)

E/-5255	Heywood Smith's Polypus Forceps, large.....	Each \$ 5.00
E/-5263	Kelly's Polypus Forceps.....	4.50
E/-5265	Kelly's Bisection Forceps.....	3.50
E/-5279	Levret's Polypus Forceps.....	3.25
E/-5285	Longyear's Polypus Forceps.....	2.00

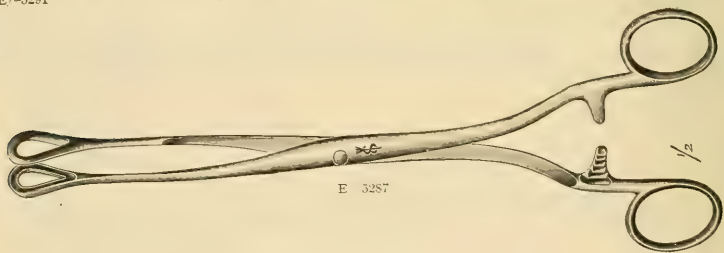


E/-5291

E -5297

E/-5303

E -5309



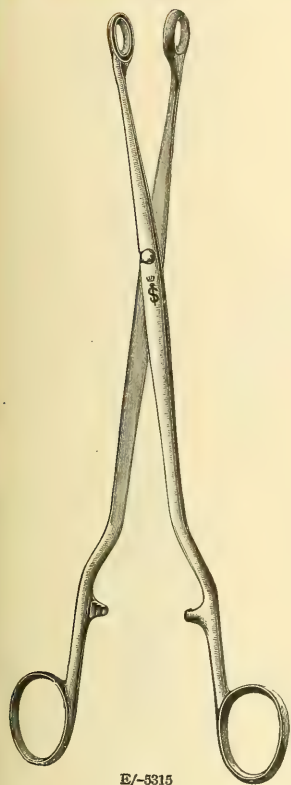
E 5287

### Uterine Polypus and Tumor Forceps

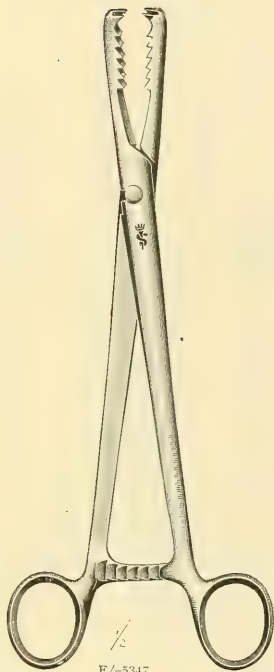
(Continued)

	Each
E/-5287 Luer's Polypus Forceps.....	\$ 2.75
E/-5291 Maier's Polypus Forceps, straight.....	1.75
E/-5297 Maier's Polypus Forceps, curved.....	1.75
E/-5303 Maier's Polypus Forceps, with catch, straight.....	2.00
E/-5309 Maier's Polypus Forceps, with catch, curved.....	2.00

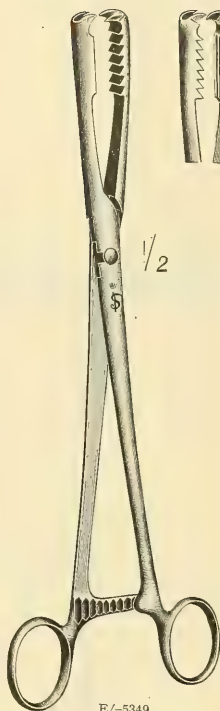




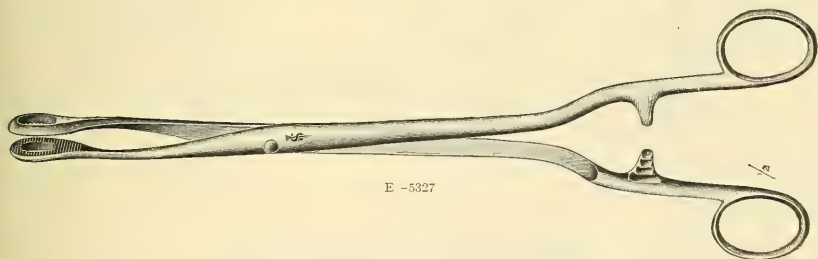
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E/-5347



E/-5349

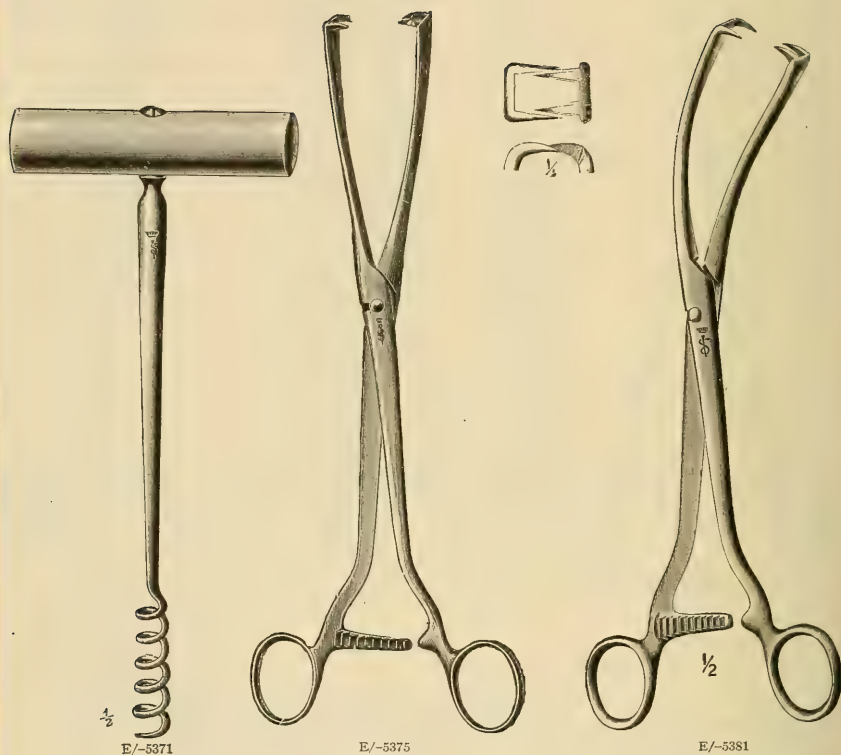


E -5327

### Uterine Polypus and Tumor Forceps

(Continued)

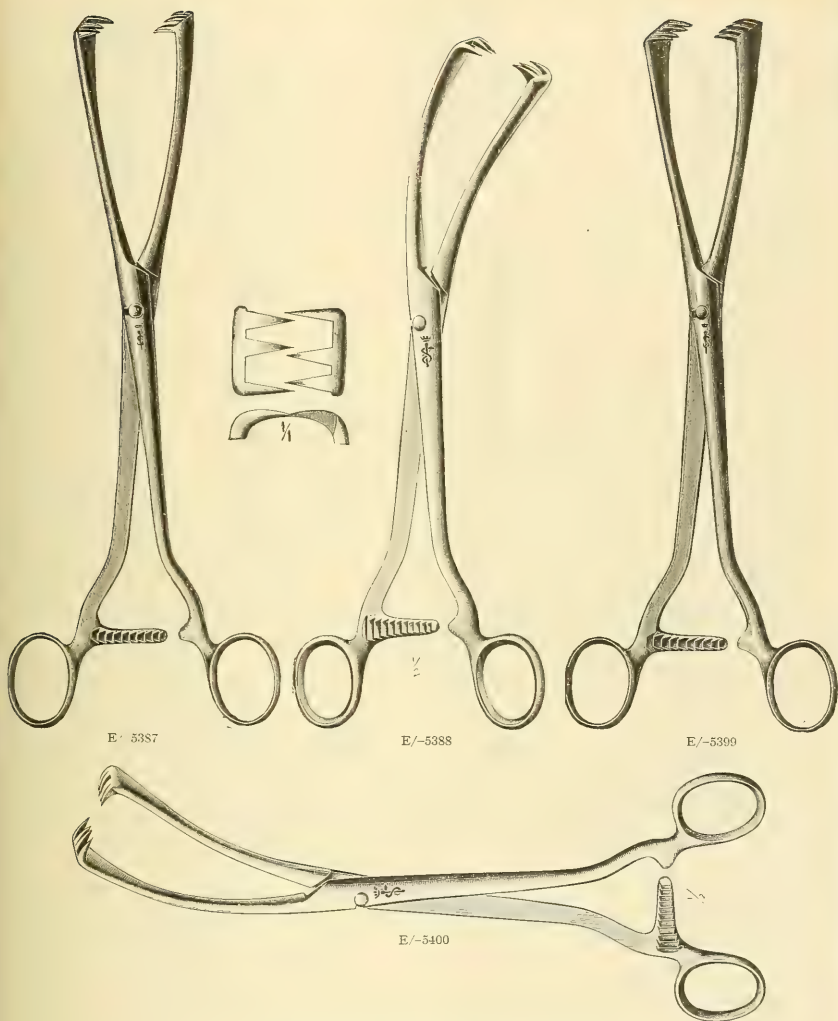
	Each
E/-5315 Martin's Polypus Forceps.....	\$ 3.00
E/-5327 McClintock's Polypus Forceps.....	4.00
E/-5347 Pryor's Morcellation Forceps.....	3.75
E/-5349 Pryor's Morcellation and Traction Forceps.....	5.50



### Uterine Polypus and Tumor Forceps

(Continued)

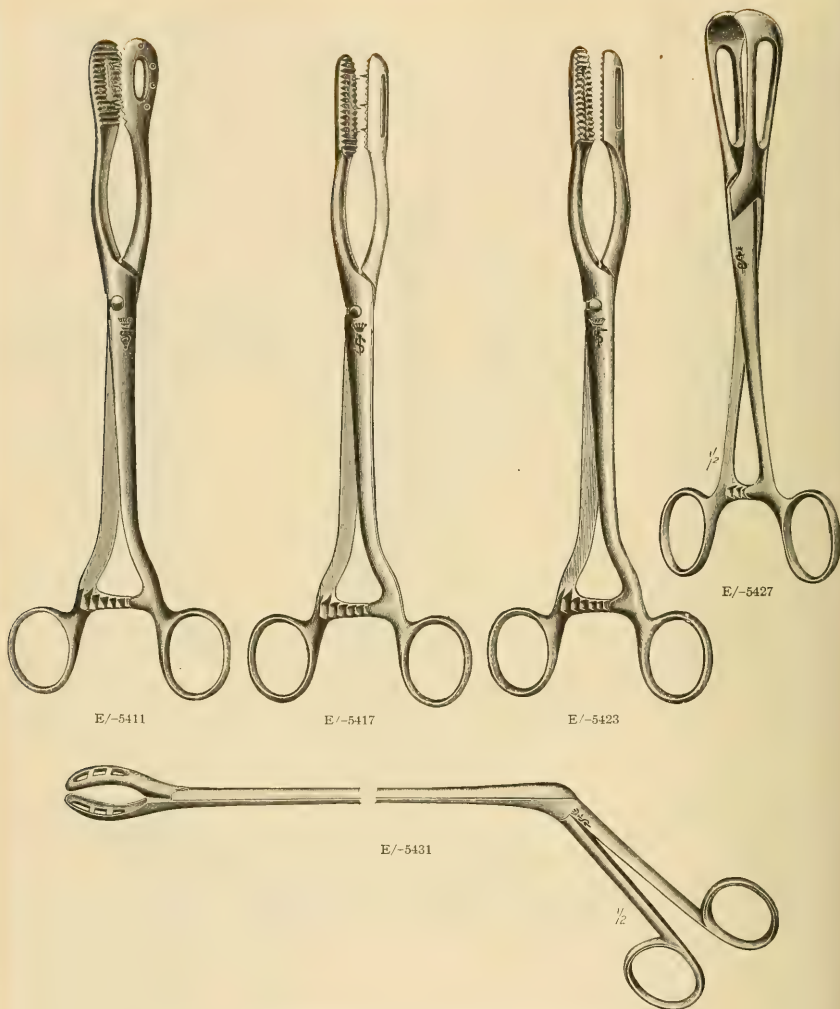
	Each
E/-5371 <b>Segond's</b> Tumor Screw.....	\$ 2.10
E/-5375 <b>Segond's</b> Polypus Forceps, with 2 prongs, straight.....	2.75
E/-5381 <b>Segond's</b> Polypus Forceps, with 2 prongs, curved sideways.....	3.00



### Uterine Polypus and Tumor Forceps

(Continued)

	Each
E/-5387 <b>Segond's</b> Polypus Forceps, with 3 prongs, straight.....	\$ 3.00
E/-5388 <b>Segond's</b> Polypus Forceps, with 3 prongs, curved sideways.....	3.25
E/-5399 <b>Segond's</b> Polypus Forceps, with 4 prongs, straight.....	3.25
E/-5400 <b>Segond's</b> Polypus Forceps, with 4 prongs, curved sideways.....	3.50



### Uterine Polypus and Tumor Forceps

(Continued)

	Each
E/-5411 <b>Segond's</b> Morcellation Forceps, round jaw.....	\$ 4.00
E/-5417 <b>Segond's</b> Morcellation Forceps, oval jaw, with prongs.....	4.00
E/-5423 <b>Segond's</b> Morcellation Forceps, oval, without prongs.....	3.50
E/-5427 <b>Stille's</b> Tumor Forceps, for soft tumors.....	4.50
E/-5431 <b>Tait's</b> Cholelithotomy Forceps, angular.....	7.50





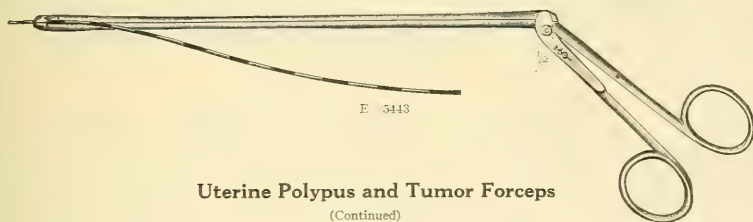
E/-5435



E/-5447



E 5458



E 5443

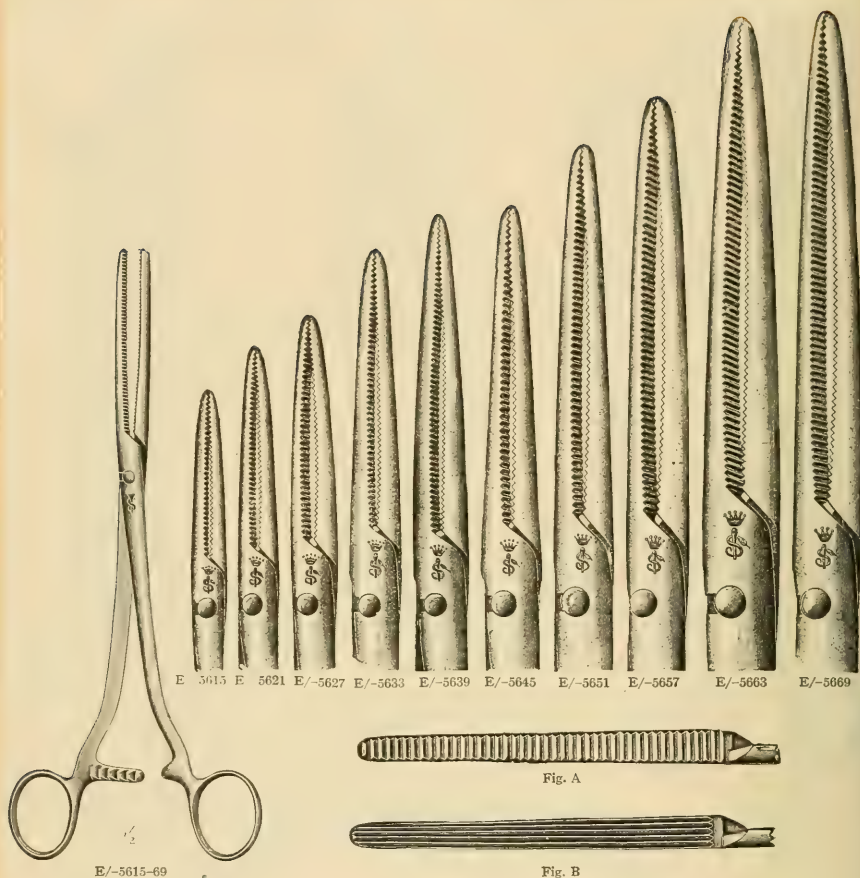
### Uterine Polypus and Tumor Forceps

(Continued)

E/-5435	Williams' Tumor Forceps.....	Each	\$ 5.00
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### Female Bladder Forceps

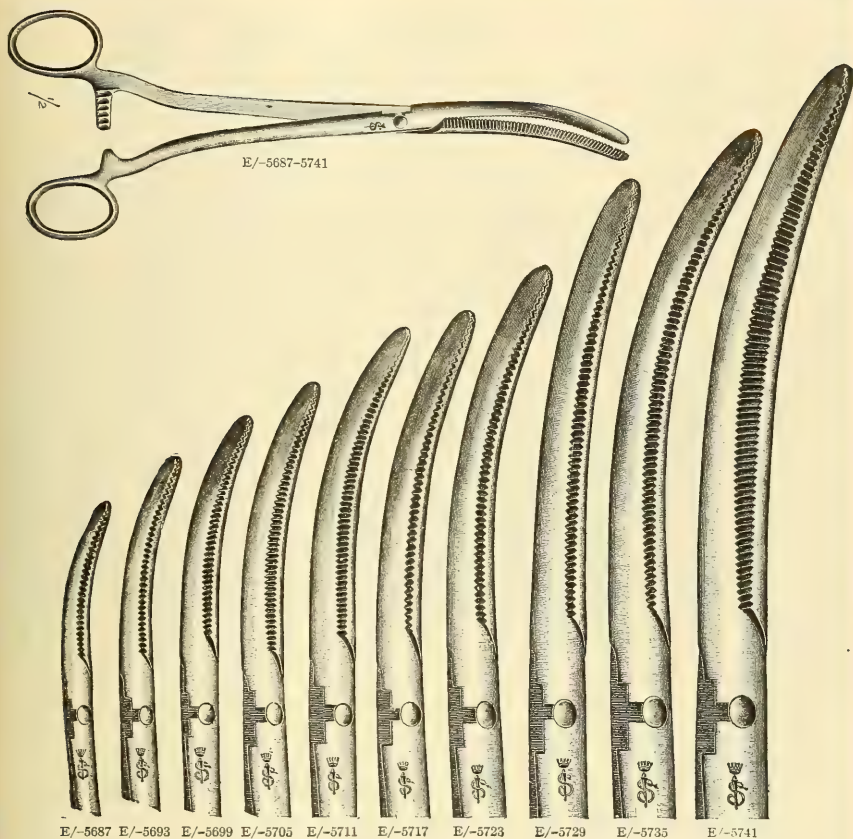
E/-5443	Ashton's Forceps, for introducing ureter catheters.....	7.50
E/-5447	Fritsch's Bladder Forceps.....	2.75
*E/-5453	Fritsch's Bladder Forceps, with catch.....	3.00
E/-5458	Kelly's Bladder Forceps, alligator jaw.....	5.25



### Hysterectomy and Hæmostatic Forceps

	Each
E/-5615 Péan's Hysterectomy Forceps, straight, 4 inches.....	\$ 1.00
E/-5621 Péan's Hysterectomy Forceps, straight, 4¾ inches.....	1.00
E/-5627 Péan's Hysterectomy Forceps, straight, 5½ inches.....	1.20
E/-5633 Péan's Hysterectomy Forceps, straight, 6¼ inches.....	1.25
E/-5639 Péan's Hysterectomy Forceps, straight, 7 inches.....	1.50
E/-5645 Péan's Hysterectomy Forceps, straight, 8 inches.....	1.75
E/-5651 Péan's Hysterectomy Forceps, straight, 8¾ inches.....	2.00
E/-5657 Péan's Hysterectomy Forceps, straight, 9½ inches.....	2.10
E/-5663 Péan's Hysterectomy Forceps, straight, 10¼ inches.....	2.25
E/-5669 Péan's Hysterectomy Forceps, straight, 11 inches.....	2.50

The above forceps are furnished with either cross serrations (Fig. A) or longitudinal serrations (Fig. B).  
(Illustrations of blades are in actual size.)

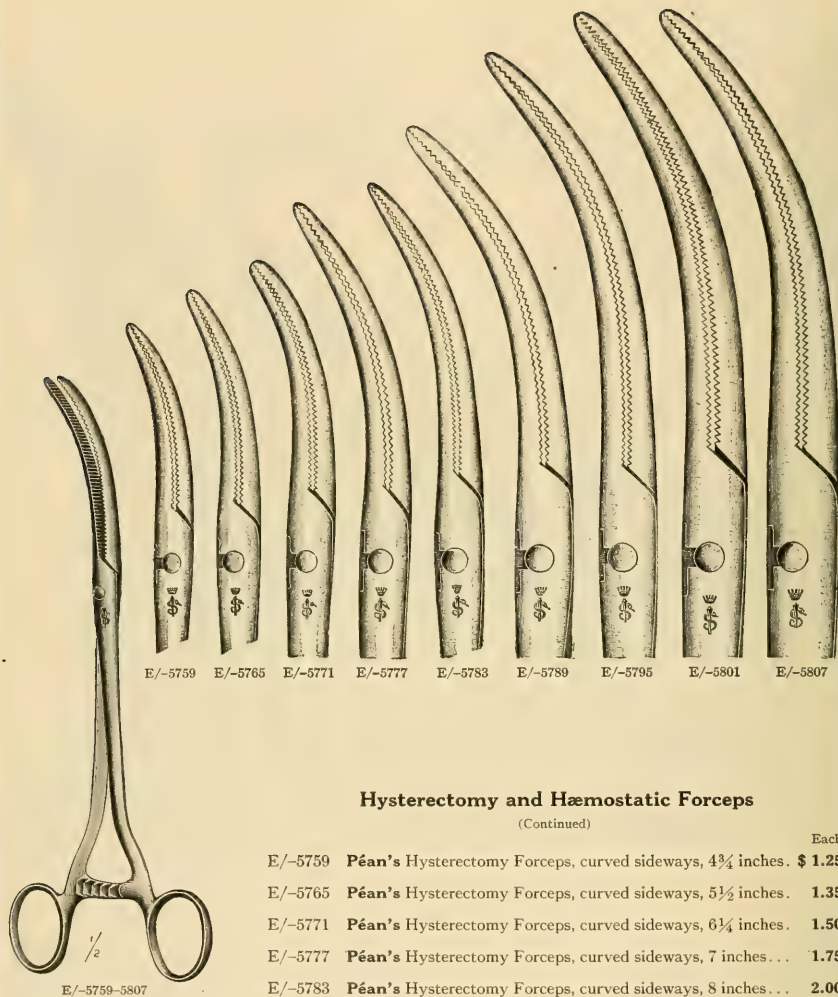


## Hysterectomy and Hæmostatic Forceps

(Continued)

	Each
E/-5687 Péan's Hysterectomy Forceps, curved on flat, 4 inches.....	\$ 1.25
E/-5693 Péan's Hysterectomy Forceps, curved on flat, 4¾ inches.....	1.25
E/-5699 Péan's Hysterectomy Forceps, curved on flat, 5½ inches.....	1.35
E/-5705 Péan's Hysterectomy Forceps, curved on flat, 6¼ inches.....	1.50
E/-5711 Péan's Hysterectomy Forceps, curved on flat, 7 inches.....	1.75
E/-5717 Péan's Hysterectomy Forceps, curved on flat, 8 inches.....	2.00
E/-5723 Péan's Hysterectomy Forceps, curved on flat, 8¾ inches.....	2.25
E/-5729 Péan's Hysterectomy Forceps, curved on flat, 9½ inches.....	2.35
E/-5735 Péan's Hysterectomy Forceps, curved on flat, 10¼ inches.....	2.50
E/-5741 Péan's Hysterectomy Forceps, curved on flat, 11 inches.....	2.75

The above forceps are furnished with either cross serrations (Fig. A) or longitudinal serrations (Fig. B)—see page 513S.  
(Illustrations of blades are in actual size.)



### Hysterectomy and Hæmostatic Forceps

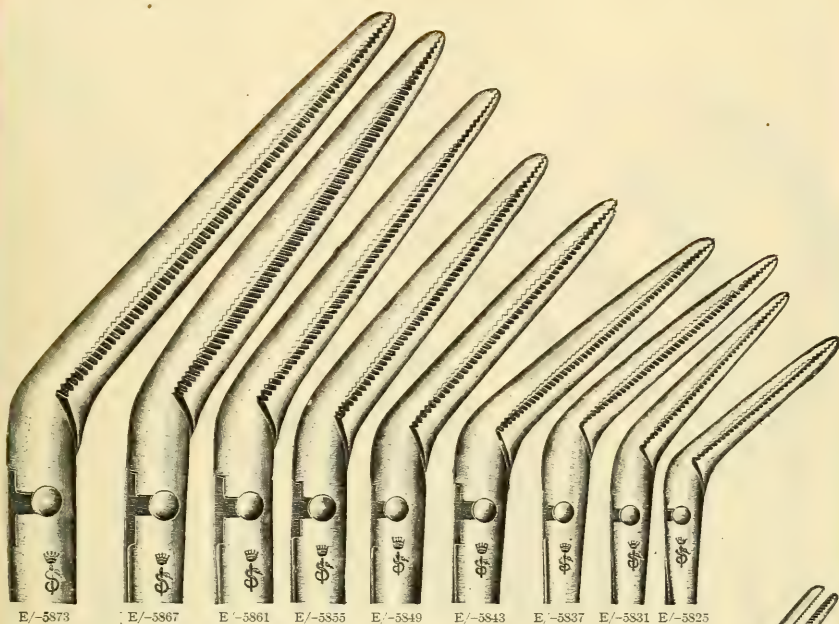
(Continued)

	Each
E/-5759 <b>Péan's</b> Hysterectomy Forceps, curved sideways, $4\frac{3}{4}$ inches.	\$ 1.25
E/-5765 <b>Péan's</b> Hysterectomy Forceps, curved sideways, $5\frac{1}{2}$ inches.	1.35
E/-5771 <b>Péan's</b> Hysterectomy Forceps, curved sideways, $6\frac{1}{4}$ inches.	1.50
E/-5777 <b>Péan's</b> Hysterectomy Forceps, curved sideways, 7 inches.	1.75
E/-5783 <b>Péan's</b> Hysterectomy Forceps, curved sideways, 8 inches.	2.00
E/-5789 <b>Péan's</b> Hysterectomy Forceps, curved sideways, $8\frac{3}{4}$ inches.	2.25
E/-5795 <b>Péan's</b> Hysterectomy Forceps, curved sideways, $9\frac{1}{2}$ inches.	2.35
E/-5801 <b>Péan's</b> Hysterectomy Forceps, curved sideways, $10\frac{1}{4}$ inches.	2.50
E/-5807 <b>Péan's</b> Hysterectomy Forceps, curved sideways, 11 inches.	2.75

The above forceps are furnished with either cross serrations (Fig. A) or longitudinal serrations (Fig. B)—see page 5138. (Illustrations of blades are in actual size.)

CHESTER CO.





## Hysterectomy and Hæmostatic Forceps

(Continued)

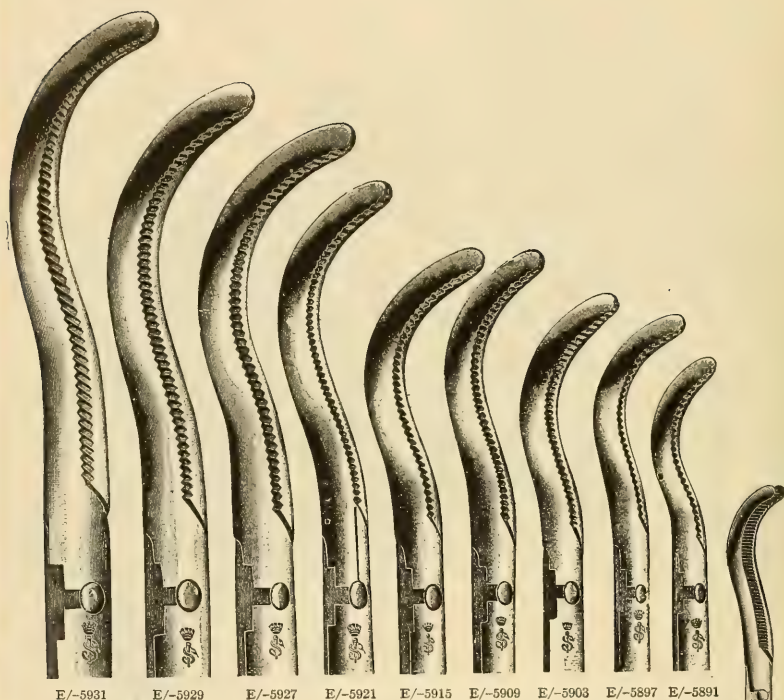
	Each
E/-5825 Péan's Hysterectomy Forceps, angular, $4\frac{3}{4}$ inches.....	\$ 1.25
E/-5831 Péan's Hysterectomy Forceps, angular, $5\frac{1}{2}$ inches.....	1.25
E/-5837 Péan's Hysterectomy Forceps, angular, $6\frac{1}{4}$ inches.....	1.35
E/-5843 Péan's Hysterectomy Forceps, angular, 7 inches.....	1.50
E/-5849 Péan's Hysterectomy Forceps, angular, 8 inches.....	1.75
E/-5855 Péan's Hysterectomy Forceps, angular, $8\frac{3}{4}$ inches.....	2.00
E/-5861 Péan's Hysterectomy Forceps, angular, $9\frac{1}{2}$ inches.....	2.25
E/-5867 Péan's Hysterectomy Forceps, angular, $10\frac{1}{4}$ inches....	2.50
E/-5873 Péan's Hysterectomy Forceps, angular, 11 inches.....	3.00

The above forceps are furnished with either cross serrations (Fig. A) or longitudinal serrations (Fig. B)—see page 513S.

(Illustrations of blades are in actual size.)



E/-5825-73

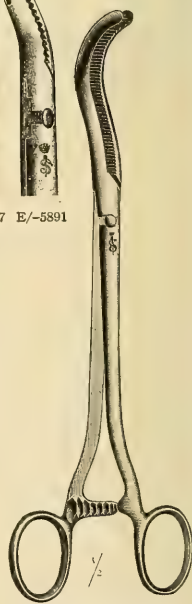


### Hysterectomy and Hæmostatic Forceps

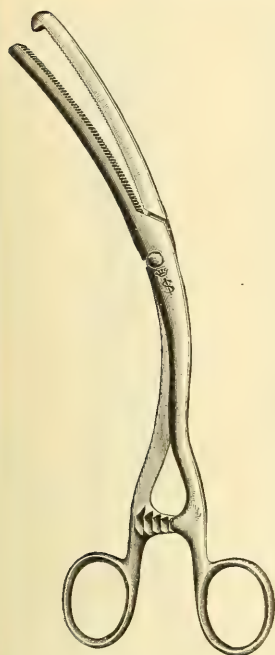
(Continued)

	Each
E/-5891 <b>Péan's</b> Hysterectomy Forceps, double curved, $4\frac{3}{4}$ inches.....	\$ 1.50
E/-5897 <b>Péan's</b> Hysterectomy Forceps, double curved, $5\frac{1}{2}$ inches.....	1.75
E/-5903 <b>Péan's</b> Hysterectomy Forceps, double curved, $6\frac{1}{4}$ inches.....	2.00
E/-5909 <b>Péan's</b> Hysterectomy Forceps, double curved, 7 inches.....	2.23
E/-5915 <b>Péan's</b> Hysterectomy Forceps, double curved, 8 inches.....	2.40
E/-5921 <b>Péan's</b> Hysterectomy Forceps, double curved, $8\frac{3}{4}$ inches.....	2.60
E/-5927 <b>Péan's</b> Hysterectomy Forceps, double curved, $9\frac{1}{2}$ inches.....	2.80
E/-5929 <b>Péan's</b> Hysterectomy Forceps, double curved, $10\frac{1}{4}$ inches....	3.00
E/-5931 <b>Péan's</b> Hysterectomy Forceps, double curved, 11 inches.....	3.15

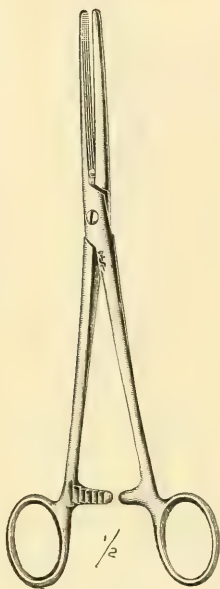
The above forceps are furnished with cross serrations only.  
(Illustrations of blades are in actual size.)



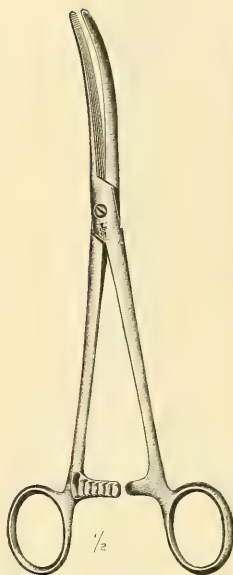
E/-5891-5931



E/-5952



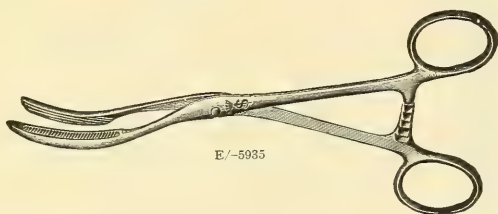
E/-5959



E/-5961



E/-5951

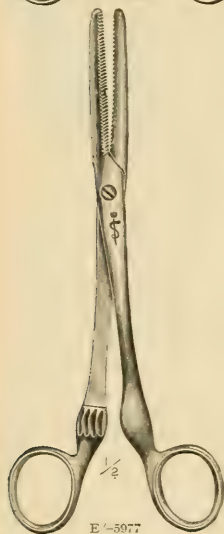
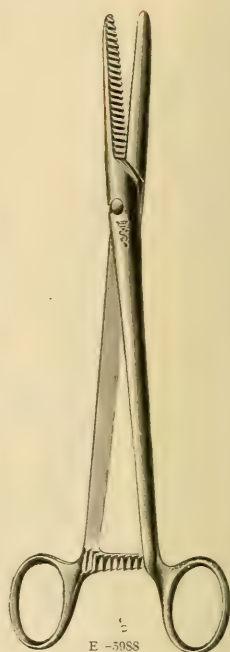
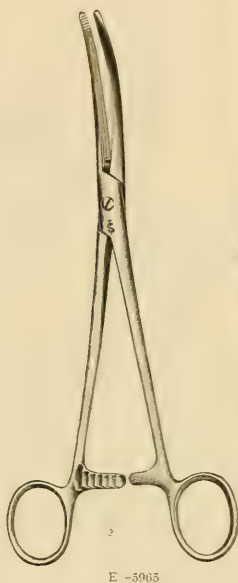
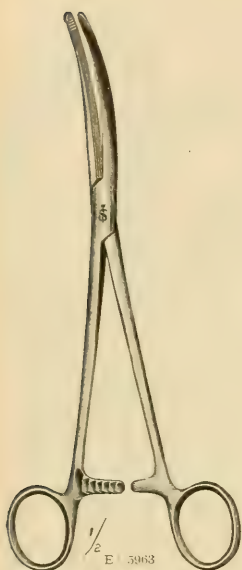


E/-5935

### Hysterectomy and Hæmostatic Forceps

(Continued)

	Each
E/-5935 Bottini's Angioclast, 6½ inches.....	\$ 2.75
E/-5951 Byford's Hysterectomy Forceps, T-shape.....	2.50
E/-5952 Byford's Pedicle Forceps, heavy.....	3.00
E/-5959 Carmalt's Hysterectomy Forceps, straight, 8 inches, with anti-twist jaws (pin preventing twisting of jaws).....	1.60
E/-5961 Carmalt's Hysterectomy Forceps, curved, 8 inches.....	1.75

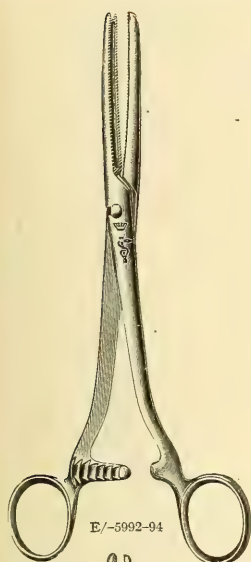


### Hysterectomy and Hæmostatic Forceps

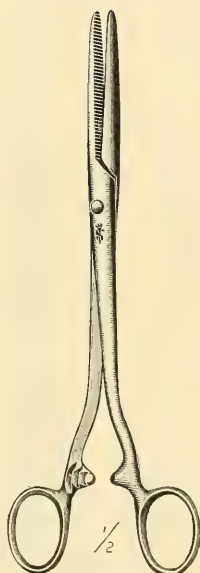
(Continued)

	Each
E/-5963 Carmalt's Hysterectomy Forceps, curved, 8 inches, with box (mortise) joint.....	\$ 1.75
E/-5965 Carmalt's Hysterectomy Forceps, curved, 8 inches, with anti-twist jaws.....	1.85
E/-5970 Crile's Aortic Clamp, 9 inches.....	1.50
E/-5977 Deaver's Hysterectomy Forceps, straight, 7 1/4 inches....	2.25
E/-5979 Deaver's Hysterectomy Forceps, curved, 6 3/4 inches....	2.50
E/-5988 Delagenière's Hysterectomy Forceps.....	2.50

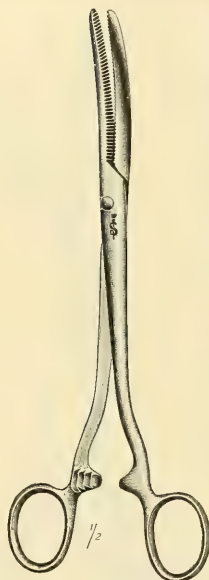




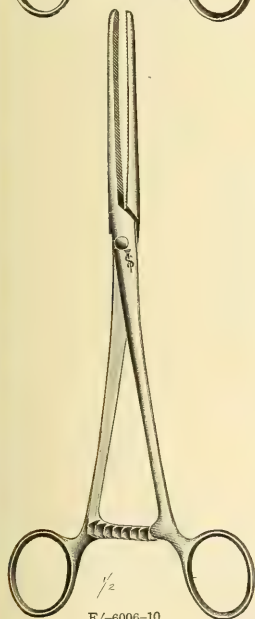
E/-5992-94



E/-5998



E/-6000

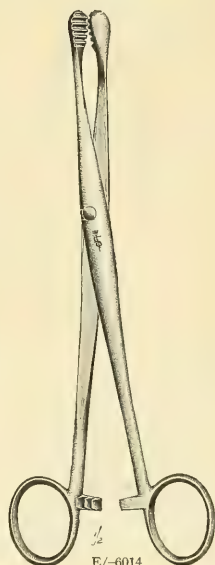


E/-6006-10

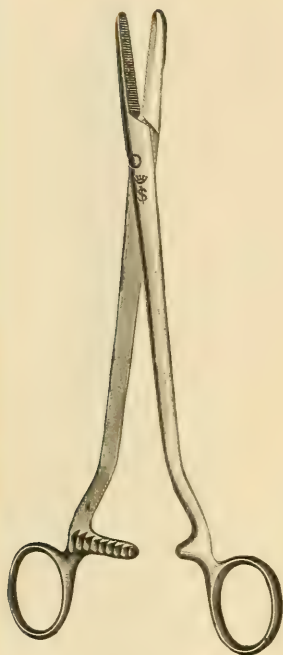
## Hysterectomy and Hæmostatic Forceps

(Continued)

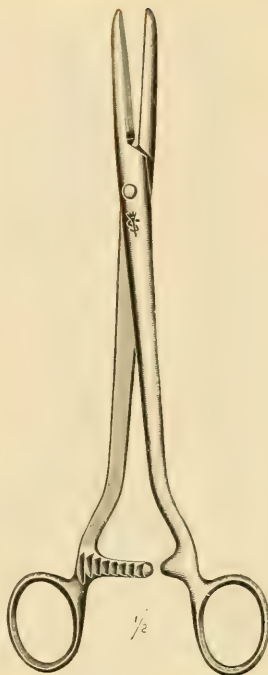
	Each
E/-5992 <b>Doyen's</b> Hysterectomy Forceps, 11 inches.....	\$ 2.50
E/-5994 <b>Doyen's</b> Hysterectomy Forceps, 8 inches.....	2.25
E/-5998 <b>Ethridge's</b> Hysterectomy Forceps, straight, 8 $\frac{1}{4}$ inches...	1.50
E/-6000 <b>Ethridge's</b> Hysterectomy Forceps, curved, 8 $\frac{1}{4}$ inches....	1.75
E/-6006 French Pattern Hysterectomy Forceps, with transverse serrations, 5 inches.....	1.35
E/-6007 French Pattern Hysterectomy Forceps, with transverse serrations, 5 $\frac{3}{4}$ inches.....	1.50
E/-6008 French Pattern Hysterectomy Forceps, with transverse serrations, 6 $\frac{1}{4}$ inches.....	1.75
E/-6009 French Pattern Hysterectomy Forceps, with transverse serrations, 7 inches.....	2.00
E/-6010 French Pattern Hysterectomy Forceps, with transverse serrations, 8 $\frac{1}{4}$ inches.....	2.25
E/-6014 <b>Fritsch's</b> Peritoneal Forceps..	2.25



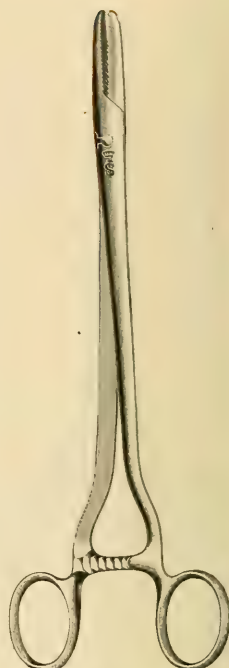
E/-6014



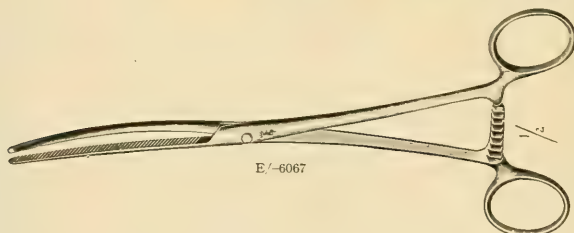
E/-6035-37



E/-6038-40



E/-6050-52

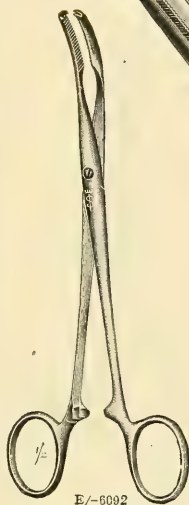
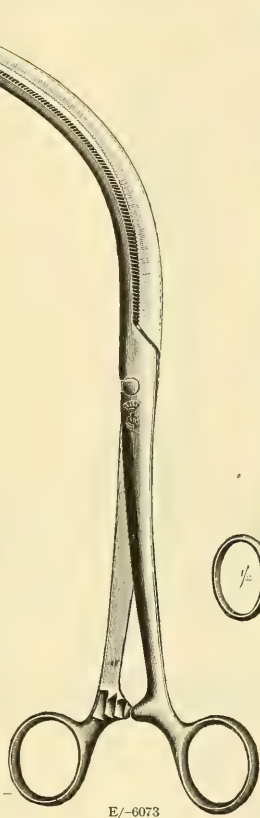
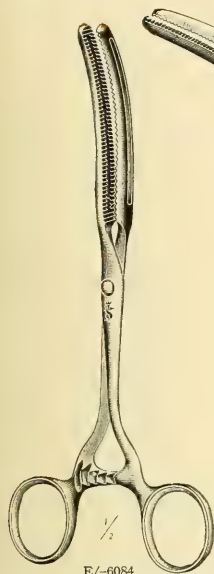


E/-6067

### Hysterectomy and Hæmostatic Forceps

(Continued)

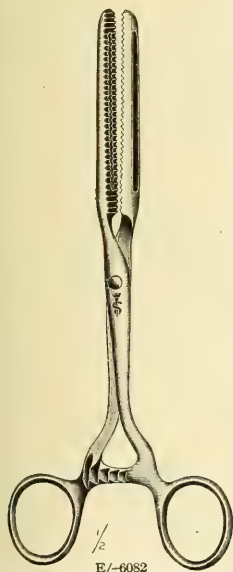
	Each
E/-6035 <b>Jacobs'</b> Hysterectomy Forceps, with cross serrations, 7¼ inches.....	\$ 1.75
E/-6036 <b>Jacobs'</b> Hysterectomy Forceps, with cross serrations, 8 inches.....	2.00
E/-6037 <b>Jacobs'</b> Hysterectomy Forceps, with cross serrations, 9¼ inches.....	2.25
E/-6038 <b>Jacobs'</b> Hysterectomy Forceps, with longitudinal serrations, 7¼ inches.....	2.00
E/-6039 <b>Jacobs'</b> Hysterectomy Forceps, with longitudinal serrations, 8 inches.....	2.25
E/-6040 <b>Jacobs'</b> Hysterectomy Forceps, with longitudinal serrations, 9¼ inches.....	2.50
E/-6050 <b>Landau's</b> Hysterectomy Forceps, 1¼-inch blade.....	2.50
E/-6051 <b>Landau's</b> Hysterectomy Forceps, 1½-inch blade.....	2.75
E/-6052 <b>Landau's</b> Hysterectomy Forceps, 2-inch blade.....	3.00
E/-6067 <b>Leonard's</b> Hysterectomy Forceps, curved.....	2.25

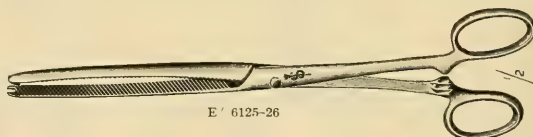
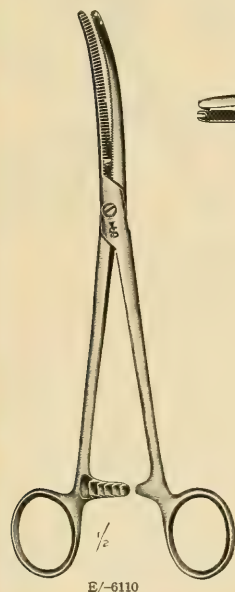
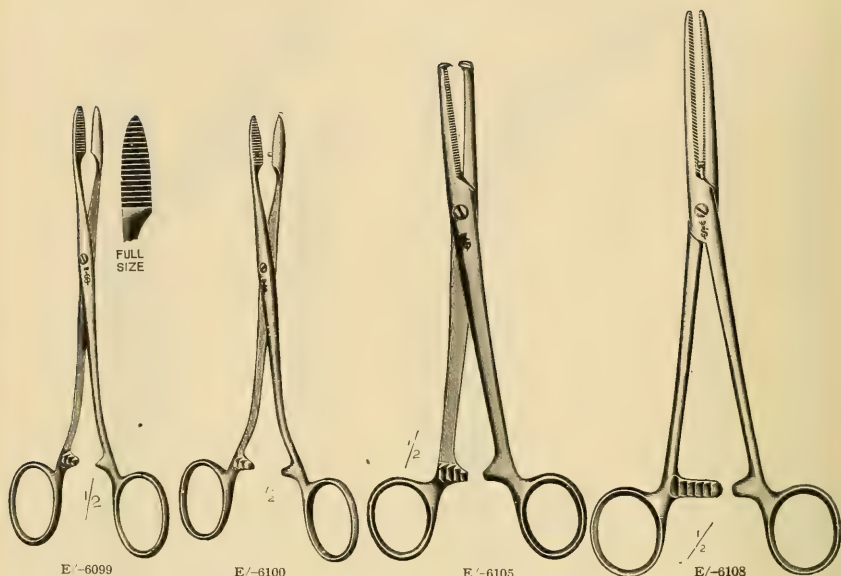


### Hysterectomy and Hæmostatic Forceps

(Continued)

	Each
E/-6073 <b>Lewis' Pedicle Forceps</b> , curved sideways.....	\$ 5.00
E/-6075 <b>Lewis' Pedicle Forceps</b> , angular.....	5.00
E/-6082 <b>Luer's Hysterectomy Forceps</b> , fenestrated blades, straight.....	3.50
E/-6084 <b>Luer's Hysterectomy Forceps</b> , fenestrated blades, curved.....	3.75
E/-6092 <b>Mikulicz's Peritoneal Forceps</b> .....	1.75



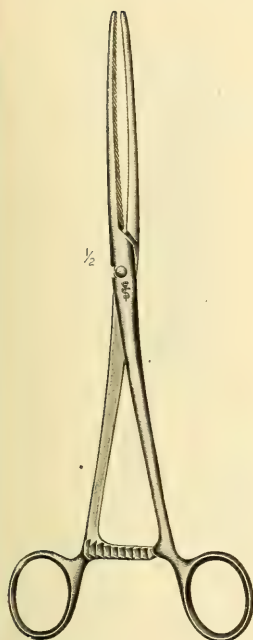


## Hysterectomy and Hæmostatic Forceps

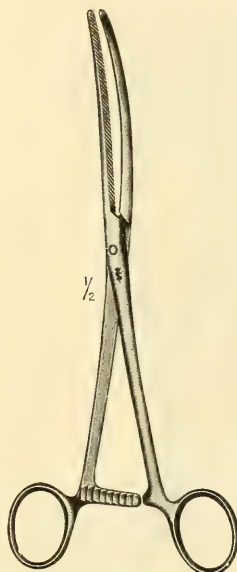
(Continued)

	Each
E/-6099 <b>Murphy's</b> Hæmostatic Forceps, 6½ inches.....	\$. .85
E/-6100 <b>Murphy's</b> Hæmostatic Forceps, 6½ inches, with anti-twist jaws.....	.95
E/-6105 <b>Ochsner's</b> Hæmostatic Forceps, 7 inches, with 1 and 2 teeth.....	1.35
E/-6108 <b>Péan's</b> Hysterectomy Forceps, straight, 8 inches, with anti-twist jaws.....	1.85
E/-6110 <b>Péan's</b> Hysterectomy Forceps, curved, 8 inches, with anti-twist jaws.....	2.10
E/-6125 <b>Polk's</b> Hysterectomy Forceps, 7 inches.....	2.50
E/-6126 <b>Polk's</b> Hysterectomy Forceps, 8¼ inches.....	2.75

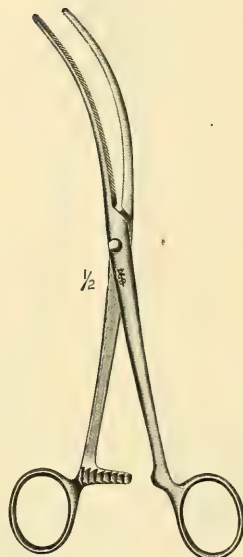




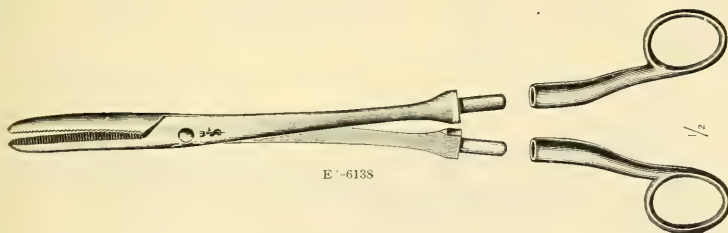
E/-6132



E/-6133



E/-6134

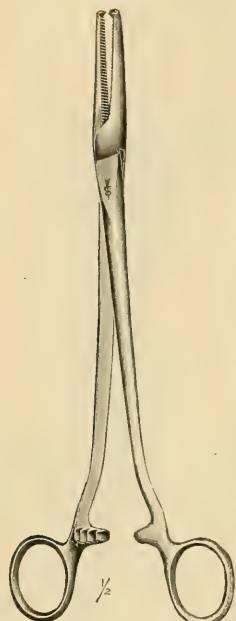


E/-6138

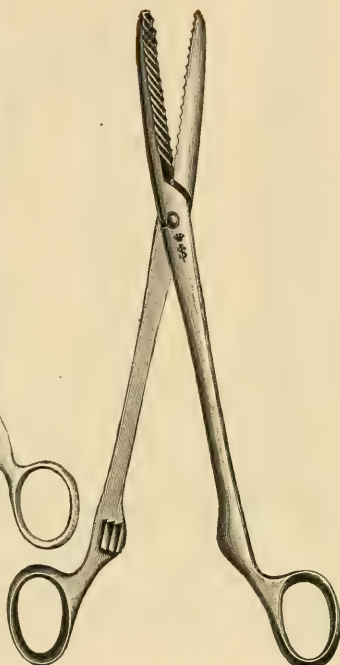
## Hysterectomy and Hæmostatic Forceps

(Continued)

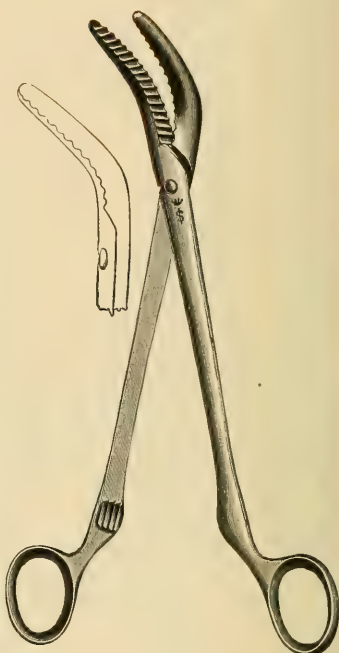
	Each
E/-6132 Pratt's Hysterectomy Forceps, straight.....	\$ 2.25
E/-6133 Pratt's Hysterectomy Forceps, curved on flat.....	2.25
E/-6134 Pratt's Hysterectomy Forceps, curved sideways.....	2.25
E/-6138 Pryor's Hysterectomy Forceps, set of 6 clamps, with 1 pair of detachable handles.....	10.50



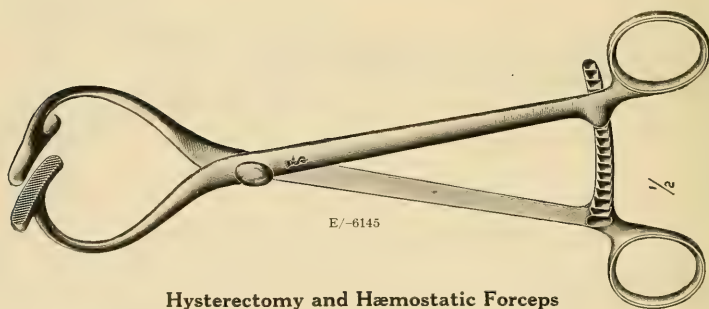
E/-6142



E/-6147



E/-6149

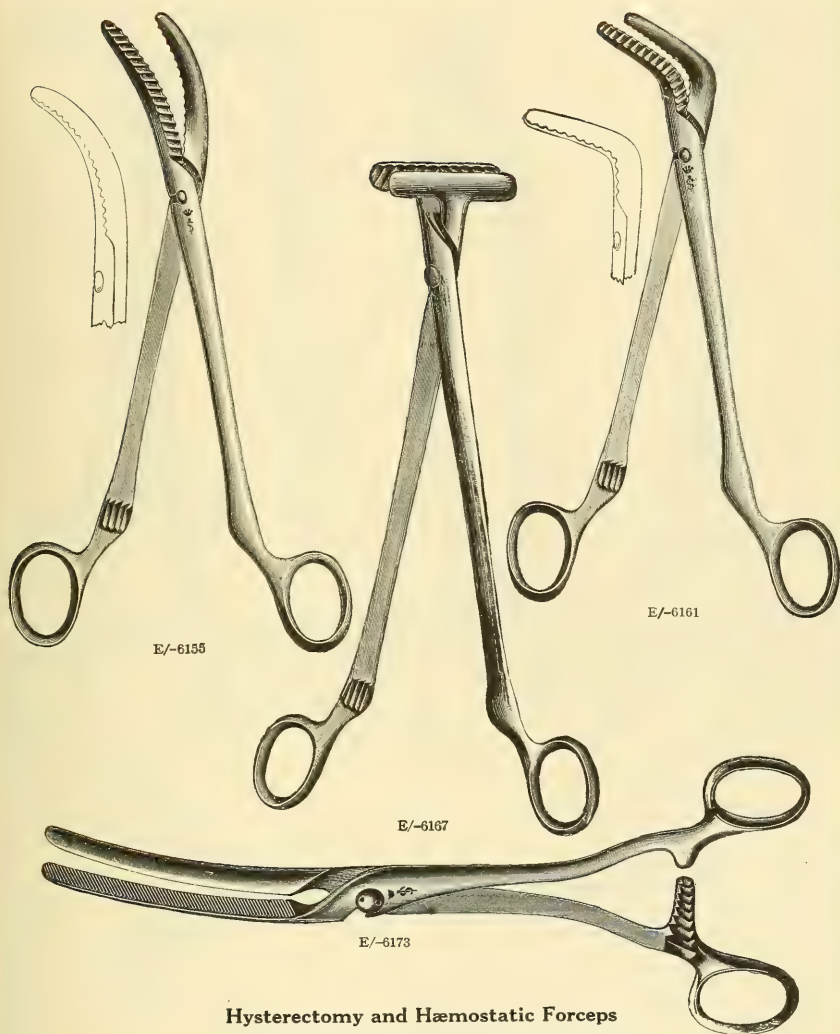


E/-6145

### Hysterectomy and Hæmostatic Forceps

(Continued)

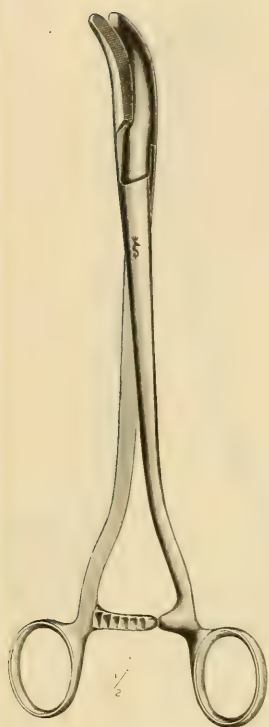
	Each
E/-6142 <b>Second's</b> Hysterectomy Forceps, 8½ inches, with 1 and 2 teeth.....	\$ 2.50
E/-6145 <b>Siegwart's</b> Hysterectomy Forceps, for carcinoma.....	5.00
E/-6147 <b>Spencer Wells' Pedicle Forceps</b> , straight.....	2.00
E/-6149 <b>Spencer Wells' Pedicle Forceps</b> , bent 45-degree angle.....	2.50



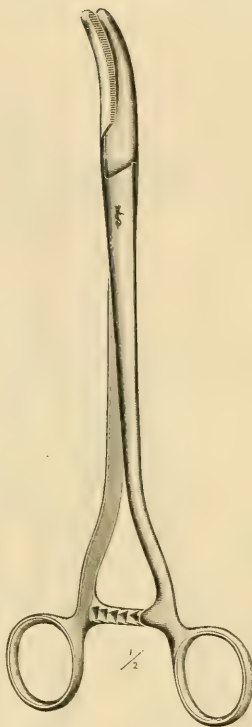
# Hysterectomy and Hæmostatic Forceps

(Continued)

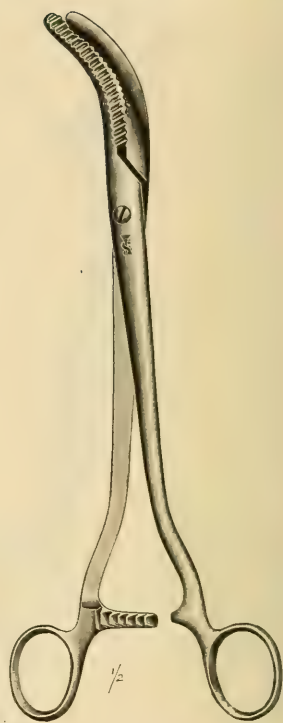
	Each
E/-6155 Spencer Wells' Pedicle Forceps, curved.....	\$ 2.00
E/-6161 Spencer Wells' Pedicle Forceps, bent 90-degree angle.....	2.50
E/-6167 Spencer Wells' Pedicle Forceps, T-shape.....	2.50
E/-6173 Terrier's Hysterectomy Forceps.....	3.75



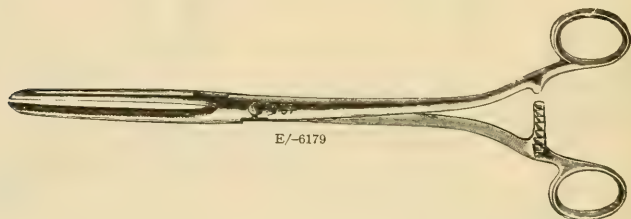
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E -6200



E/-6201



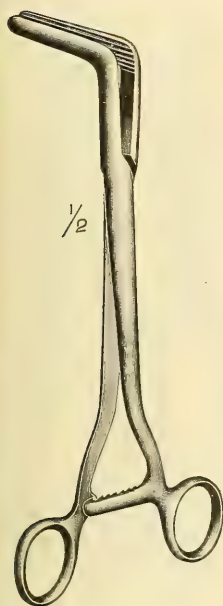
E/-6179

### Hysterectomy and Hæmostatic Forceps

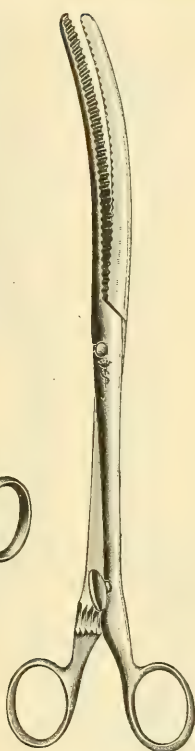
(Continued)

	Each
E/-6179 Terrillon's Hysterectomy Forceps, fenestrated blades, 11 inches .....	\$ 4.00
E/-6196 Wertheim's Pedicle Clamp.....	3.50
E/-6200 Wertheim's Parametrium Clamp.....	3.50
E/-6201 Wertheim's Vaginal Clamp.....	3.50

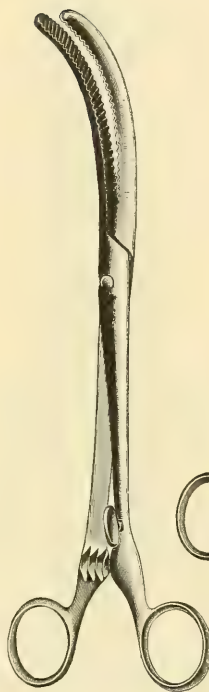




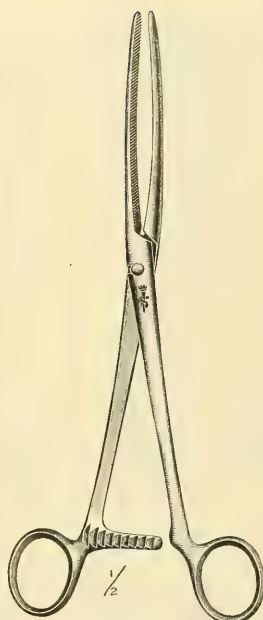
E/-6202



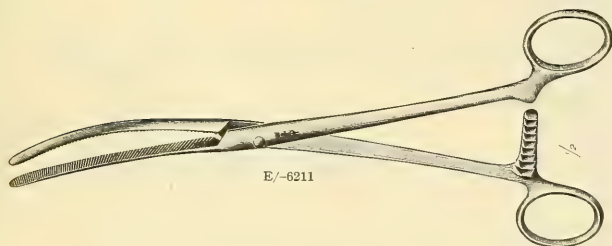
E/-6205



E/-6206



E/-6210

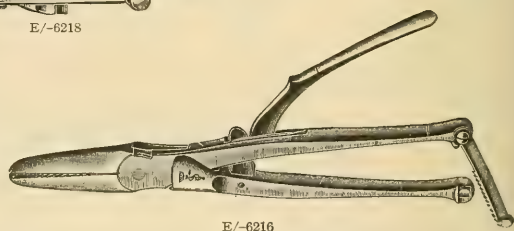
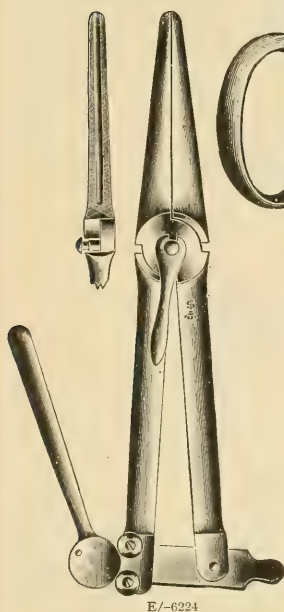
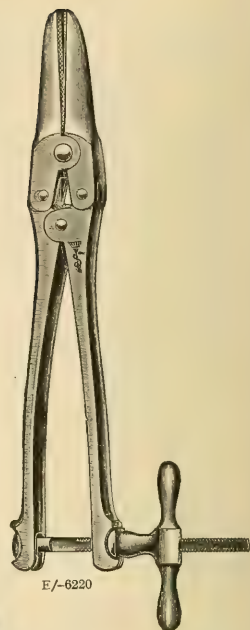
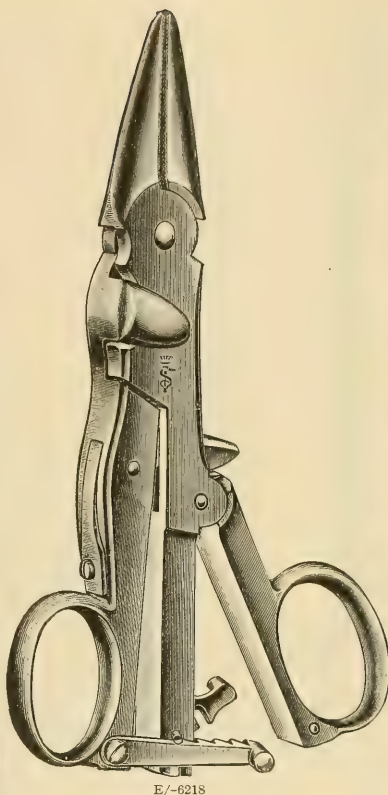
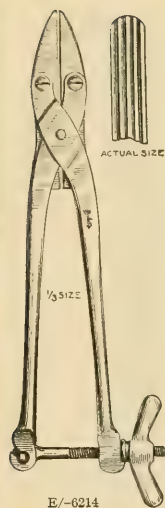


E/-6211

# Hysterectomy and Hæmostatic Forceps

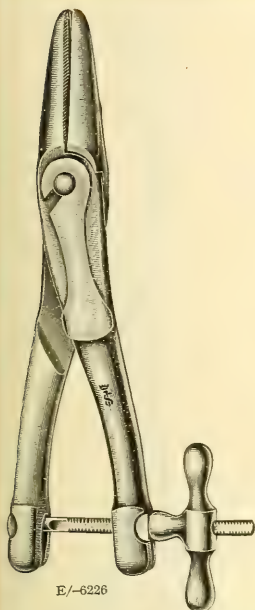
(Continued)

		Each
E/-6202	Wertheim-Cullen's Pedicle Forceps, angular jaw.....	\$ 3.50
E/-6205	Williams' Pedicle Forceps, slightly curved.....	3.75
E/-6206	Williams' Pedicle Forceps, full curved.....	4.00
E/-6210	Wright's Hysterectomy Forceps, straight.....	2.25
E/-6211	Wright's Hysterectomy Forceps, curved.....	2.50



### Angiotribes

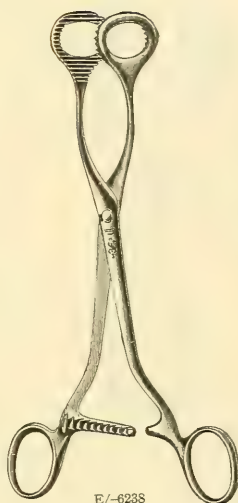
	Each
E/-6214 Child's Angiotribe (weight $1\frac{1}{2}$ pounds).....	\$ 13.50
E/-6216 Collin's Angiotribe.....	13.50
E/-6218 Doyen's Angiotribe.....	18.50
E/-6220 Kny-Scheerer Co.'s Angiotribe.....	15.00
E/-6224 Thumim's Angiotribe.....	10.75



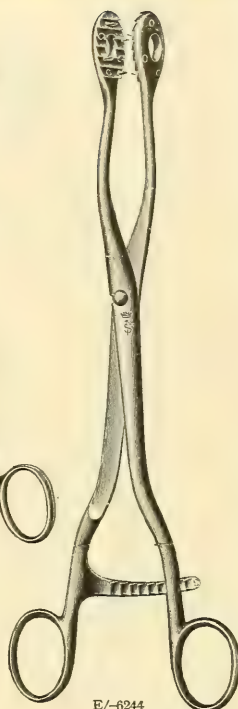
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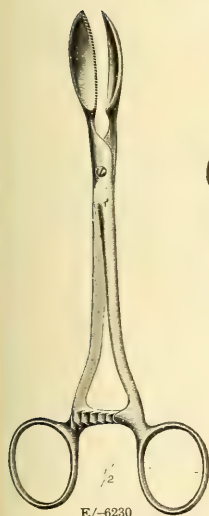
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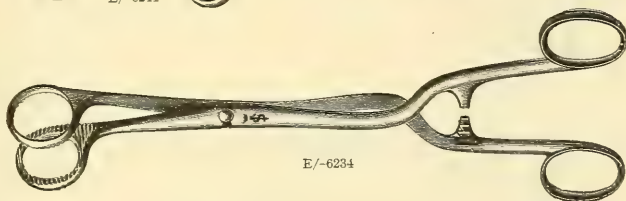
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E/-6244



E/-6230



E/-6234

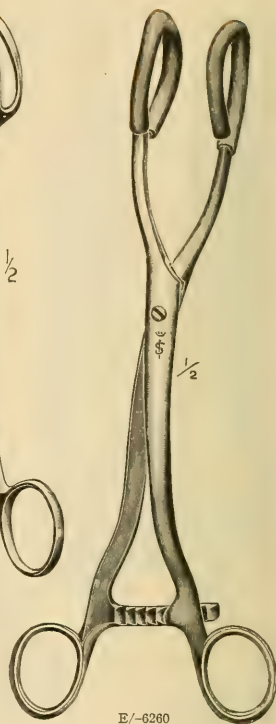
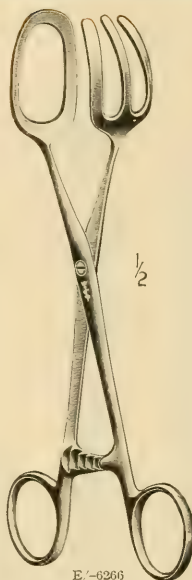
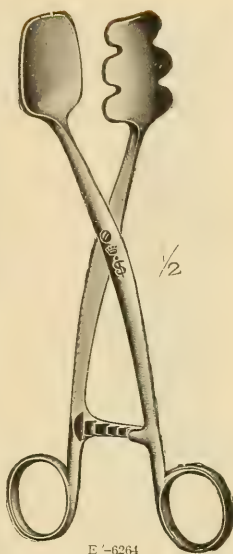
### Angiotribes

(Continued)

	Each
E/-6226 Tuffier's Angiotribe.....	\$ 12.00

### Cyst and Ovarian Forceps

E/-6230 Barrett's Ovarian Forceps .....	2.75
E/-6234 Byford's Ovarian Forceps .....	3.50
E/-6238 Doyen's Ovarian Forceps .....	2.50
E/-6241 Mathieu's Cyst Forceps .....	3.50
E/-6244 Nélaton's Cyst Forceps .....	3.50



### Cyst and Ovarian Forceps

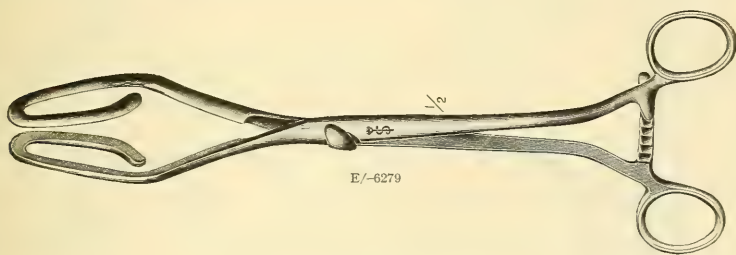
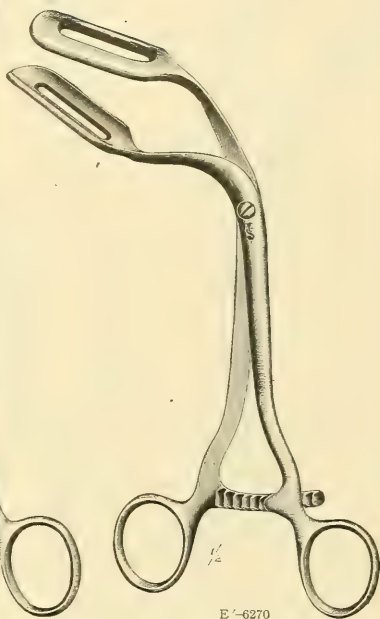
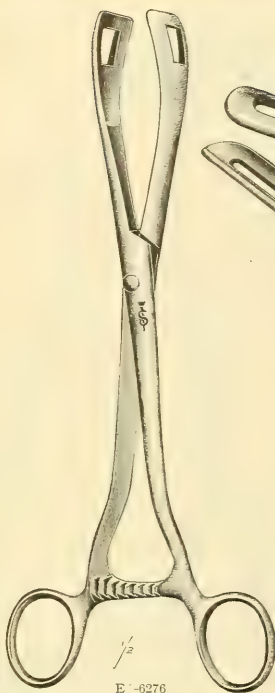
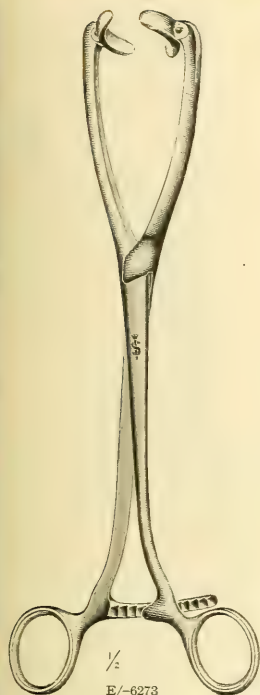
(Continued)

E/-6247	Péan's Cyst Forceps.....	Each \$ 3.25
E/-6250	Péan's Ovarian Forceps.....	3.00

### Uterine Elevating Forceps

E/-6260	Bainbridge's Uterine Elevating Forceps, with soft rubber covered blades.....	5.00
E/-6264	Barrett's Uterine Elevating Forceps.....	2.75
E/-6266	Barrett-Allen's Uterine Elevating Forceps.....	4.50

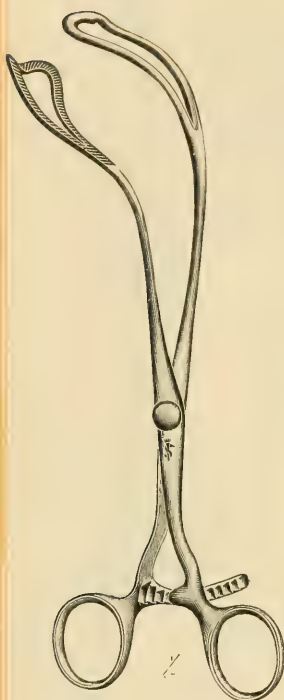




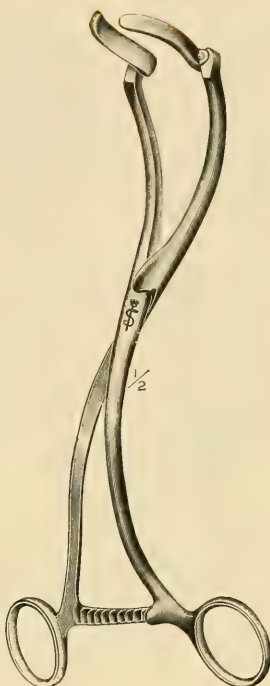
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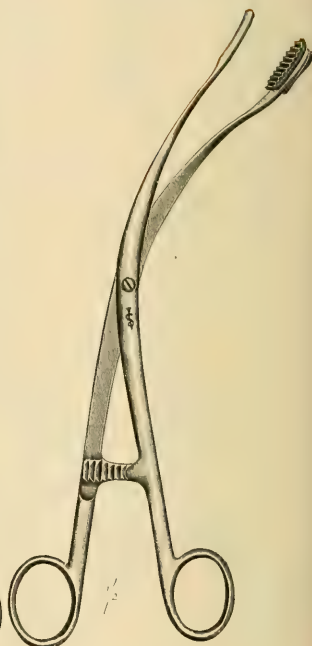
	Each
E/-6270 <b>Berry's</b> Uterine Elevating Forceps.....	\$ 4.50
E/-6273 <b>Collin's</b> Uterine Elevating Forceps, with movable blades.....	5.00
E/-6276 <b>Cullen's</b> Uterine Elevating Forceps.....	5.00
E/-6279 <b>Dartigues'</b> Uterine Elevating Forceps.....	4.00



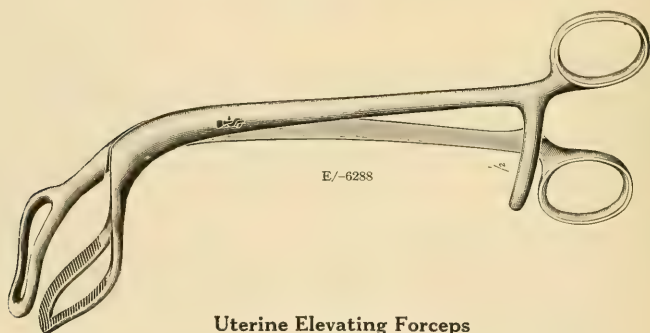
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E/-6291



E/-6294

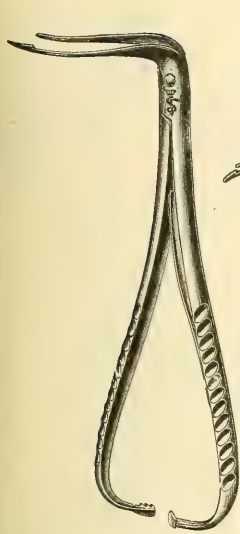


E/-6288

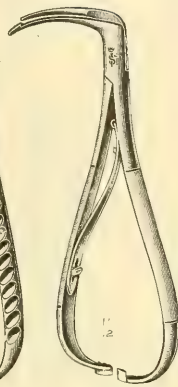
### Uterine Elevating Forceps

(Continued)

	Each
E/-6285 <b>Sherk's</b> Uterine Elevating Forceps.....	\$ 6.50
E/-6288 <b>Somers'</b> Uterine Elevating Forceps.....	5.00
E/-6291 <b>Taylor's</b> Uterine Elevating Forceps.....	5.00
E/-6294 <b>Young's</b> Uterine Elevating Forceps, one blade with soft rubber tip.....	3.50



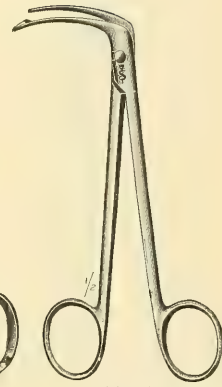
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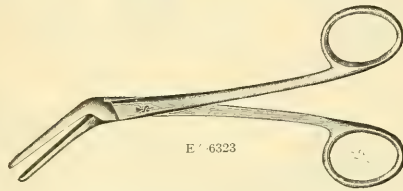
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E/-6318



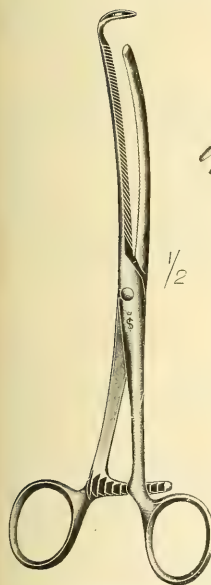
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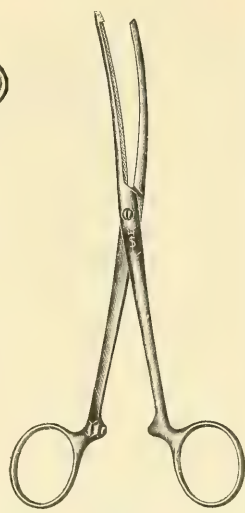
E/-6323

### Ligature Carrying and Holding Forceps

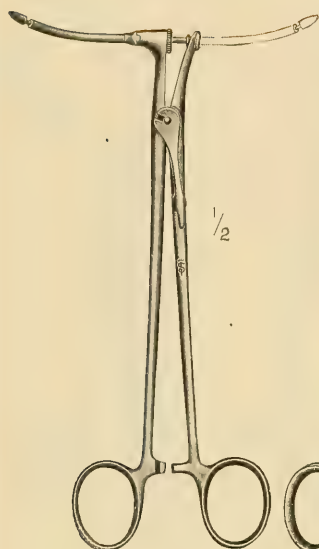
	Each
E/-6308 Axhausen's Ligature Carrier, with curved needle point...	\$ 3.25
E/-6312 Barrett's Ligature Carrier...	1.75
E/-6315 Cleveland's Ligature Carrier, automatic, large, right and left.....	2.50
E/-6316 Cleveland's Ligature Carrier, automatic, small, right and left.....	2.00
E/-6318 Cleveland's Ligature Carrier, scissors handle, large, right and left.....	2.10
E/-6319 Cleveland's Ligature Carrier, scissors handle, small, right and left.....	2.00
E/-6323 Galabin's Suture Holding Forceps, angular.....	1.50



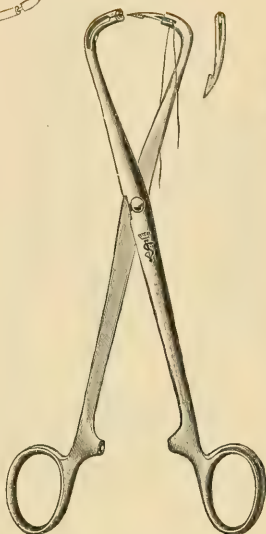
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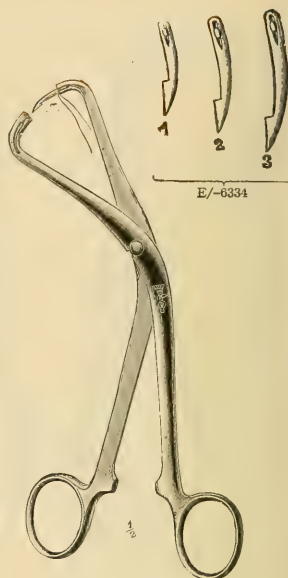
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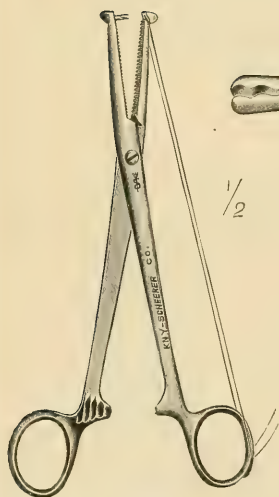
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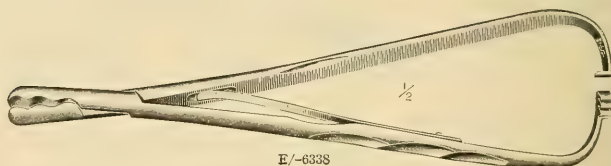
E/-6330



E/-6332



E/-6342



E/-6338

## Ligature Carrying and Holding Forceps

(Continued)

	Each
E/-6326 Hetherington's Ligature Carrier, reversible.....	\$ 4.50
E/-6330 Kurz's Ligature Carrier, straight, with 3 needles....	3.00
E/-6332 Kurz's Ligature Carrier, curved, with 3 needles....	4.00
E/-6334 Kurz's Needles, 3 sizes.....	.15
E/-6338 Lane's Suture Holding Forceps.....	3.00
E/-6342 Mallett's Ligature Carrier and Hemostat combined.	2.00

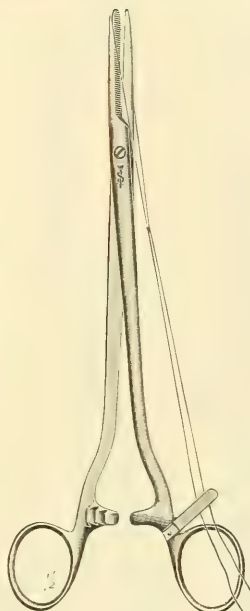




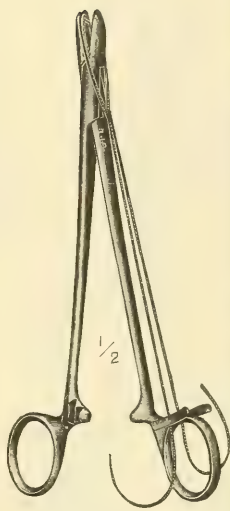
E/-6345



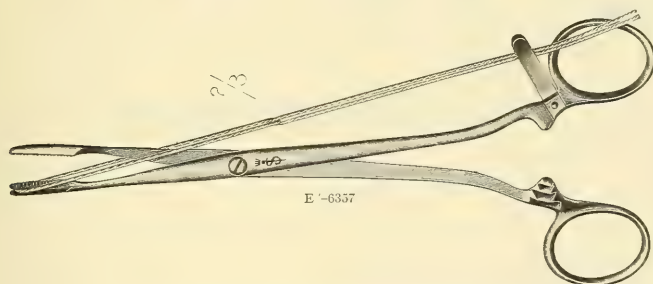
E 6348



E/-6351



E/-6354-55

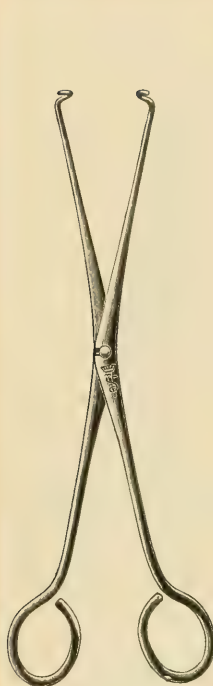


E/-6357

## Ligature Carrying and Holding Forceps

(Continued)

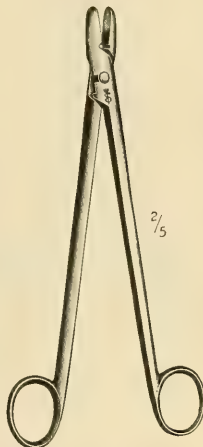
	Each
E/-6345 Perkins' Ligature Carrier.....	\$ 1.75
E/-6348 "Rochester" Needle Extractor.....	1.00
E/-6351 Rosenheim-Jackson's Ligature Carrier and Hæmostat, combined (patented) .....	3.50
E/-6354 Shoemaker's Ligature Carrier, Hæmostat and Needle Holder, combined, 5 $\frac{1}{4}$ inches (patented) ..	2.25
E/-6355 Shoemaker's Ligature Carrier, Hæmostat and Needle Holder, combined, 7 inches (patented) ..	2.50
E/-6357 Shoemaker-Murphy's Ligature Carrier and Hæmostat, combined (patented) .....	2.25



E/-6370



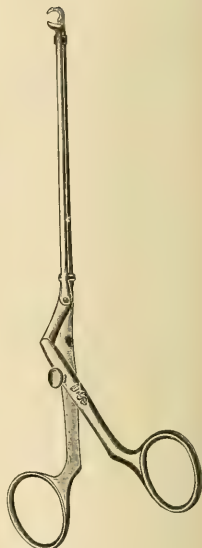
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E/-6379



E/-6382



E/-6390



E/-6373



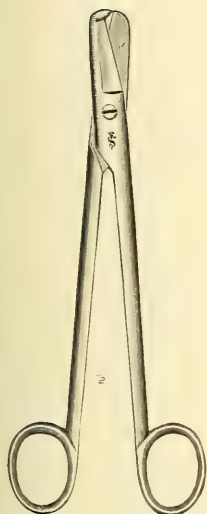
E/-6393

### Wire Twisters

	Each
E/-6370 <b>Carroll's Knot Tier</b> .....	\$ 1.50
E/-6373 <b>Emmett's Wire Twisting Forceps</b> .....	2.25
E/-6376 <b>Sims' Wire Adjuster or Fulcrum</b> .....	1.10
E/-6379 <b>Thomas' Shot Compressing Forceps</b> .....	1.50
E/-6382 <b>Werneck's Wire Twister</b> .....	1.50

### Ligature and Stitch Scissors

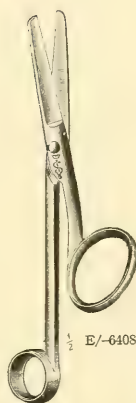
E/-6390 <b>Abbott's Ligature Scissors</b> .....	4.00
E/-6393 <b>"Asta" Stitch Scissors</b> .....	1.25



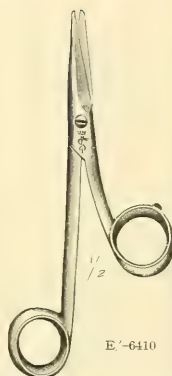
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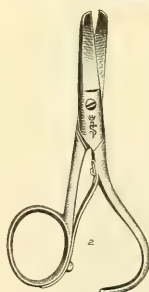
E/-6402



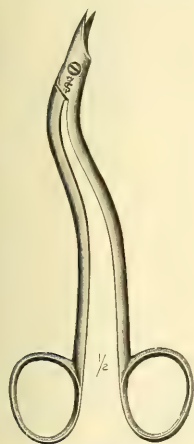
E/-6408



E/-6410



E/-6396

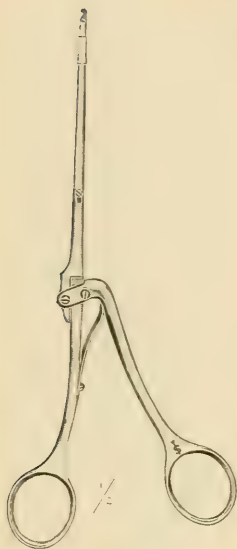


E/-6405

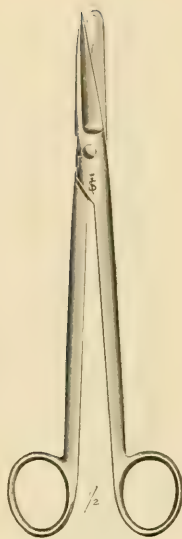
## Ligature and Stitch Scissors

(Continued)

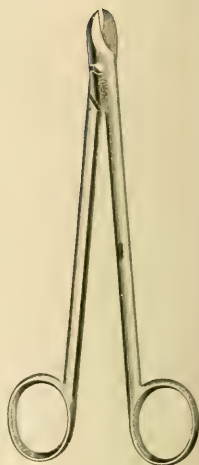
	Each
E/-6396 <b>Birnie's</b> Ligature Scissors.....	\$ 1.50
E/-6398 <b>Boldt's</b> Stitch Scissors.....	2.50
E/-6402 <b>Gusserow's</b> Ligature Scissors.....	2.25
E/-6405 <b>Heath's</b> Stitch Scissors.....	1.25
E/-6408 <b>Kocher's</b> Ligature Scissors.....	1.50
E/-6410 <b>Mayo-Kocher's</b> Ligature Scissors.....	2.00



E/-6415



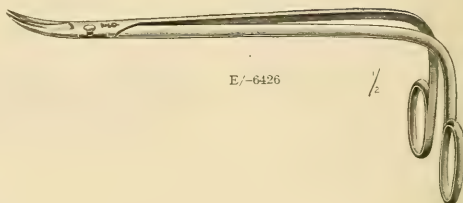
E/-6418



E/-6420



E/-6423



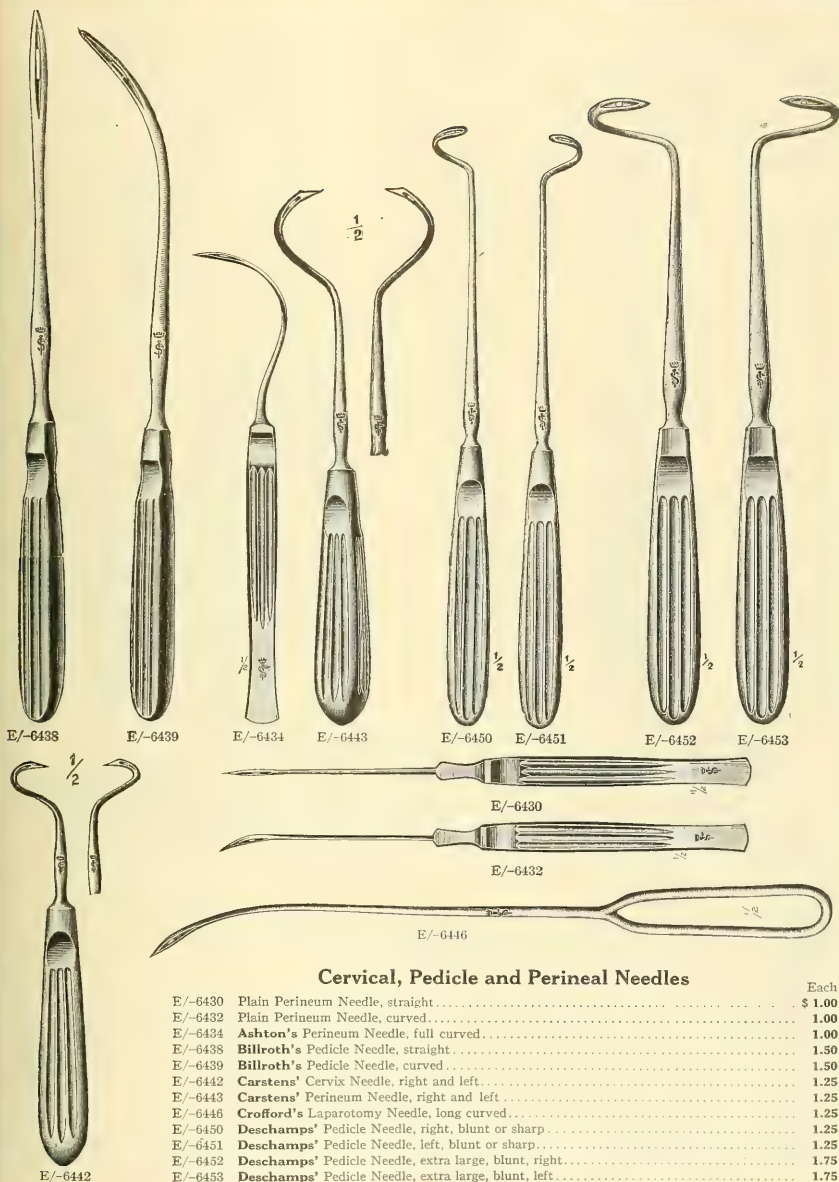
E/-6426

### Ligature and Stitch Scissors

(Continued)

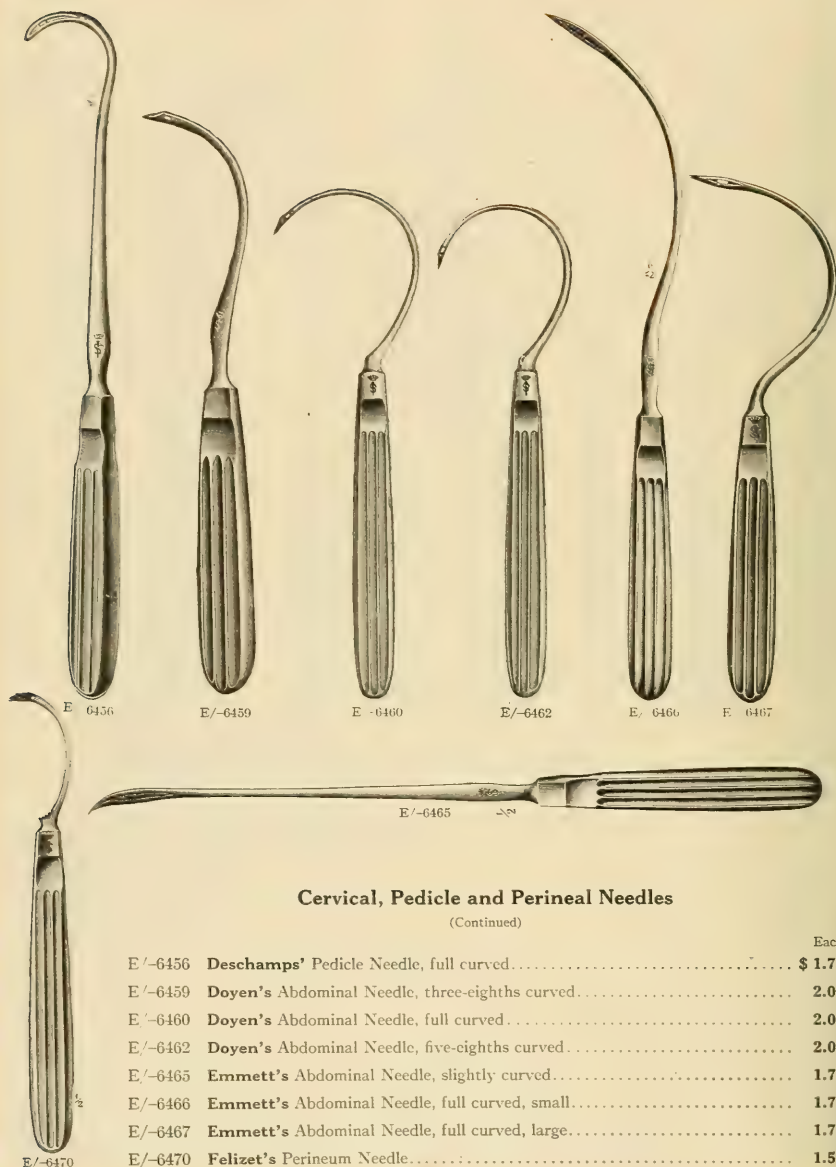
	Each
E -6415 Roubaix's Ligature Scissors. . . . .	\$ 5.00
E/-6418 Skene's Ligature Scissors. . . . .	1.75
E/-6420 Smith's Ligature Scissors. . . . .	1.25
E/-6423 Ware's Ligature Scissors. . . . .	1.25
E/-6426 Wilson's Ligature Scissors. . . . .	2.00





### Cervical, Pedicle and Perineal Needles

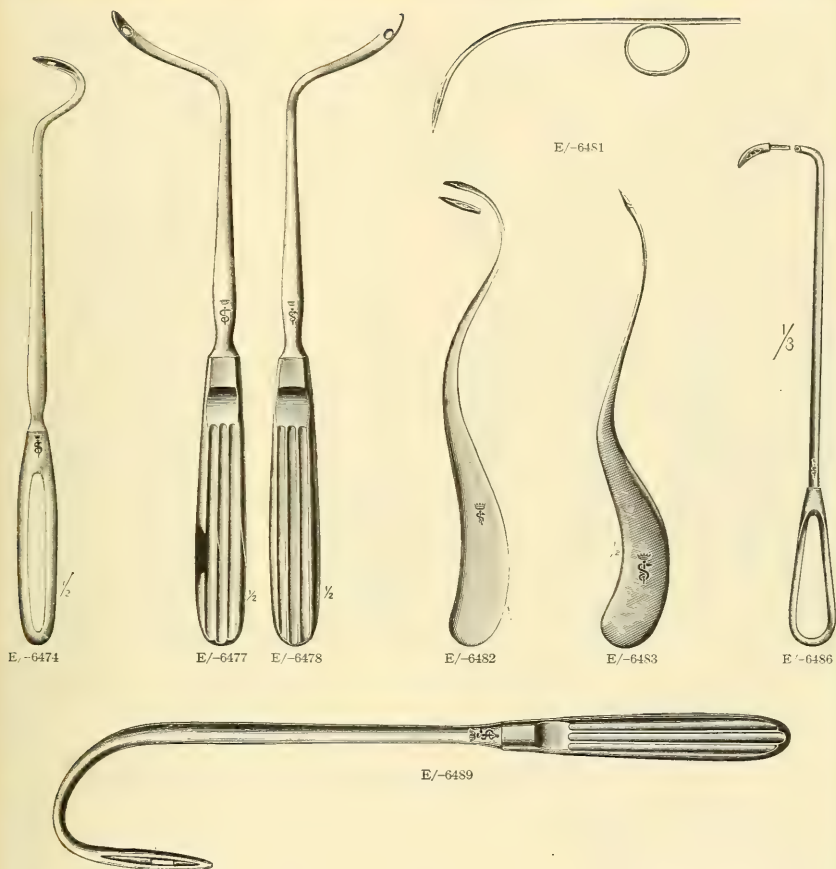
	Each
E/-6430 Plain Perineum Needle, straight.....	\$ 1.00
E/-6432 Plain Perineum Needle, curved.....	1.00
E/-6434 <b>Ashton's</b> Perineum Needle, full curved.....	1.00
E/-6438 <b>Billroth's</b> Pedicle Needle, straight.....	1.50
E/-6439 <b>Billroth's</b> Pedicle Needle, curved.....	1.50
E/-6442 <b>Carstens'</b> Cervix Needle, right and left.....	1.25
E/-6443 <b>Carstens'</b> Perineum Needle, right and left.....	1.25
E/-6446 <b>Crofford's</b> Laparotomy Needle, long curved.....	1.25
E/-6450 <b>Deschamps'</b> Pedicle Needle, right, blunt or sharp.....	1.25
E/-6451 <b>Deschamps'</b> Pedicle Needle, left, blunt or sharp.....	1.25
E/-6452 <b>Deschamps'</b> Pedicle Needle, extra large, blunt, right.....	1.75
E/-6453 <b>Deschamps'</b> Pedicle Needle, extra large, blunt, left.....	1.75



### Cervical, Pedicle and Perineal Needles

(Continued)

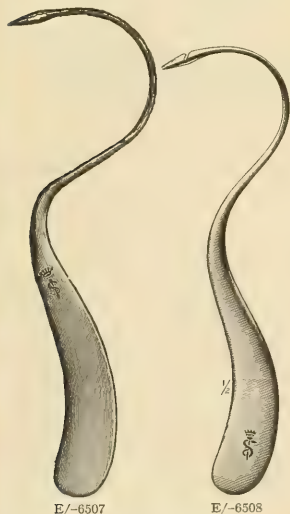
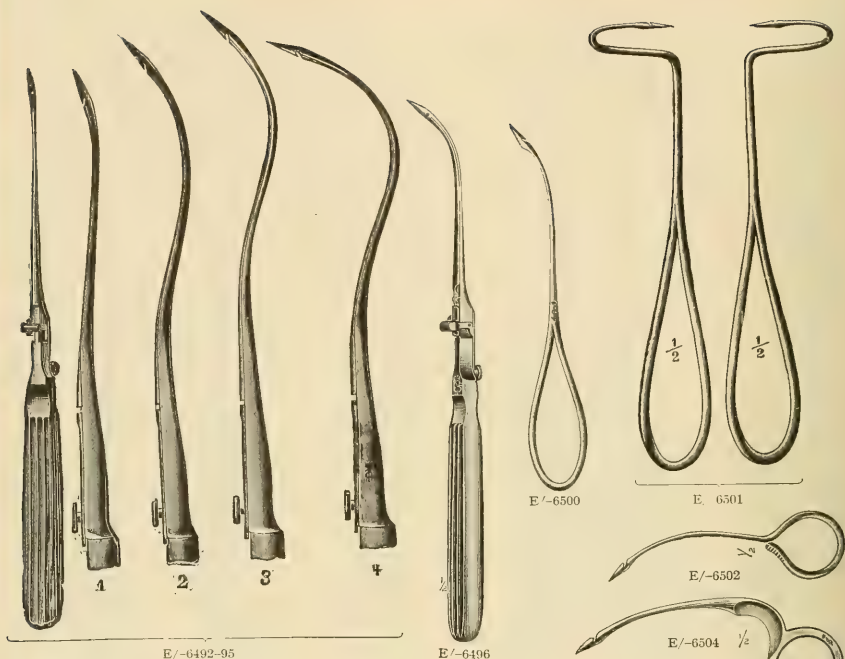
	Each
E/-6456 Deschamps' Pedicle Needle, full curved.....	\$ 1.75
E/-6459 Doyen's Abdominal Needle, three-eighths curved.....	2.00
E/-6460 Doyen's Abdominal Needle, full curved.....	2.00
E/-6462 Doyen's Abdominal Needle, five-eighths curved.....	2.00
E/-6465 Emmett's Abdominal Needle, slightly curved.....	1.75
E/-6466 Emmett's Abdominal Needle, full curved, small.....	1.75
E/-6467 Emmett's Abdominal Needle, full curved, large.....	1.75
E/-6470 Felizet's Perineum Needle.....	1.50



### Cervical, Pedicle and Perineal Needles

(Continued)

	Each
E/-6474 <b>Goelet's</b> Pedicle Needle.....	\$ 1.75
E/-6477 <b>Hahn's</b> Pedicle Needle, right.....	1.75
E/-6478 <b>Hahn's</b> Pedicle Needle, left.....	1.75
E/-6481 <b>Hall's</b> Perineum Needle.....	1.00
E/-6482 <b>Hall's</b> Laparotomy Needle.....	1.10
E/-6483 <b>Hall's</b> Laparotomy Needle, open eye.....	1.10
E/-6486 <b>Jack's</b> Pedicle Needle, detachable tip.....	2.75
E/-6489 <b>Jessett's</b> Broad Ligament Needle.....	2.25

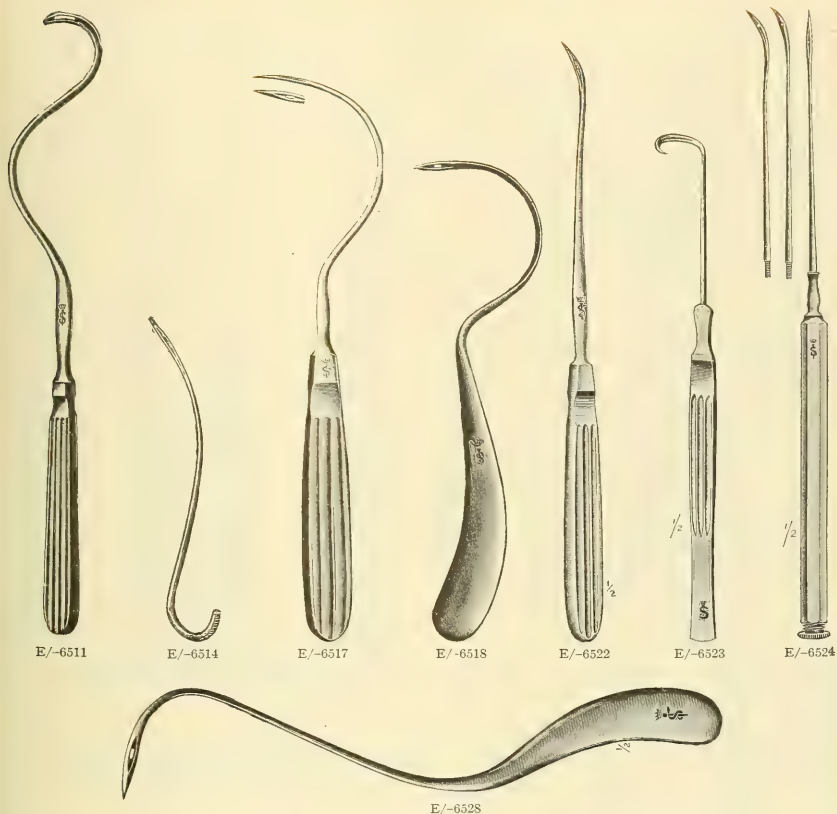


## Cervical, Pedicle and Perineal Needles

(Continued)

	Each
E/-6492 <b>Keyes' Perineum Needle</b> , automatic, -curve No. 1.	\$ 3.25
E/-6493 <b>Keyes' Perineum Needle</b> , automatic, curve No. 2.	3.25
E/-6494 <b>Keyes' Perineum Needle</b> , automatic, curve No. 3.	3.25
E/-6495 <b>Keyes' Perineum Needle</b> , automatic, curve No. 4.	3.25
E/-6496 <b>Keyes' Perineum Needle</b> , automatic, with Hagedorn's point.	3.75
E/-6500 <b>Mooij's Perineum Needle</b> , curved.	1.00
E/-6501 <b>Mooij's Perineum Needle</b> , rectangular, right and left.	1.25
E/-6502 <b>Mooij's Perineum Needle</b> , ring handle, 4 sizes.	.50
E/-6504 <b>Mooij's Perineum Needle</b> , ring handle and knife.	1.25
E/-6507 <b>Nelson's Abdominal Needle</b> .	1.25
E/-6508 <b>Nelson's Abdominal Needle</b> , open eye.	1.25

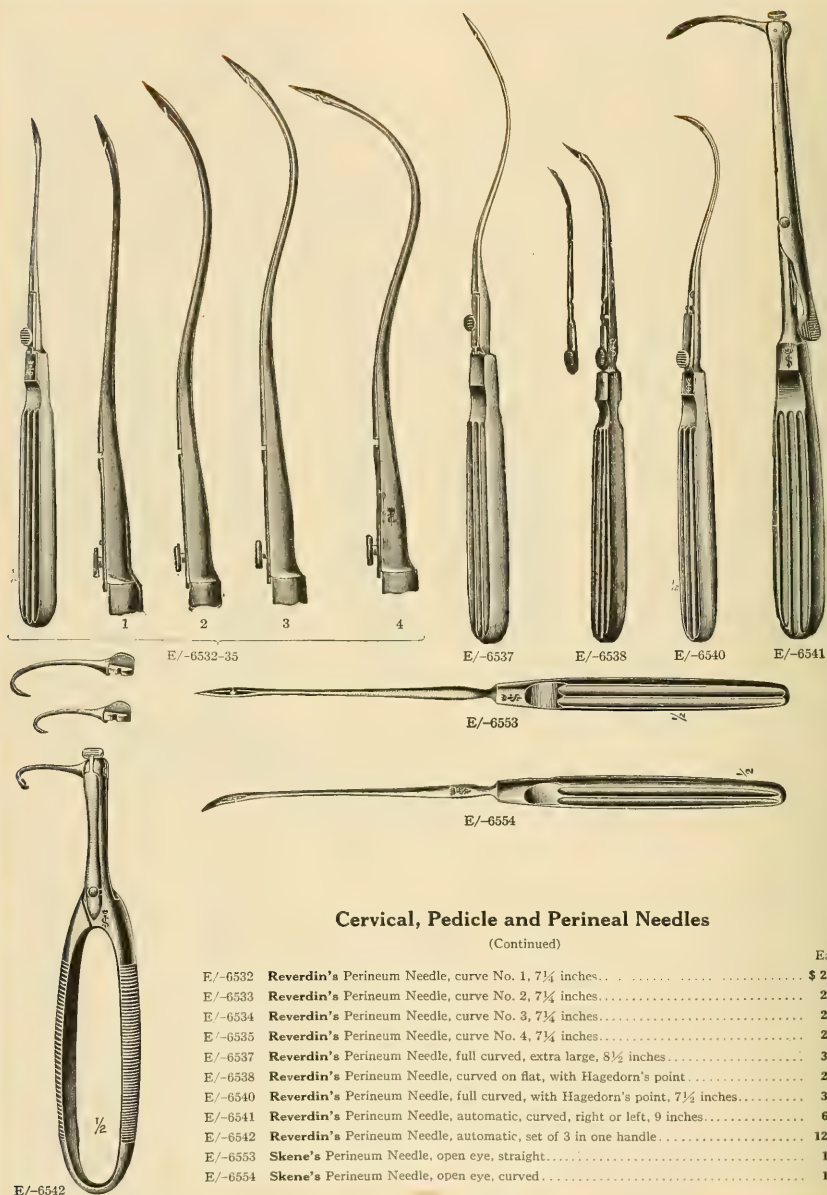




### Cervical, Pedicle and Perineal Needles

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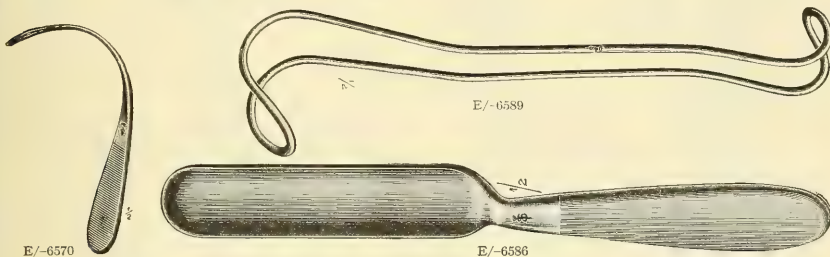
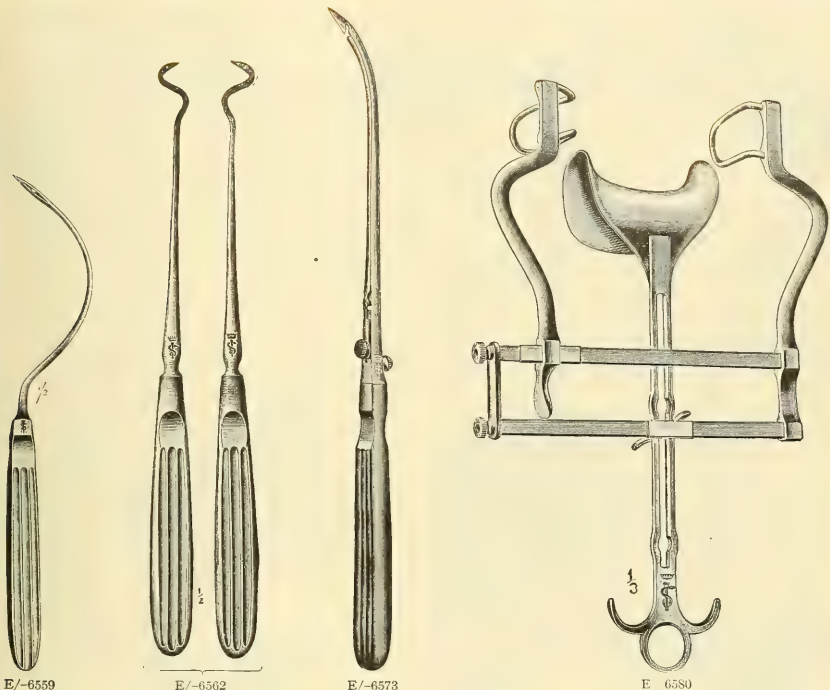
	Each
E/-6511 Olshausen's Pedicle Needle .....	\$ 1.75
E/-6514 Papine's Perineum Needle.....	.50
E/-6517 Péan's Laparotomy Needle.....	1.50
E/-6518 Péan's Perineum Needle, 3 sizes.....	1.25
E/-6522 Peaslee's Perineum Needle, curved on flat.....	1.00
E/-6523 Peaslee's Perineum Needle, curved right and left.....	1.25
E/-6524 Peaslee's Perineum Needle, set of 3 in one handle.....	2.50
E/-6528 Pyle's Abdominal Needle.....	1.25



### Cervical, Pedicle and Perineal Needles

(Continued)

	Each
F/-6532 <b>Reverdin's</b> Perineum Needle, curve No. 1, $7\frac{1}{4}$ inches.....	\$ 2.50
E/-6533 <b>Reverdin's</b> Perineum Needle, curve No. 2, $7\frac{1}{4}$ inches.....	2.50
E/-6534 <b>Reverdin's</b> Perineum Needle, curve No. 3, $7\frac{1}{4}$ inches.....	2.50
E/-6535 <b>Reverdin's</b> Perineum Needle, curve No. 4, $7\frac{1}{4}$ inches.....	2.50
E/-6537 <b>Reverdin's</b> Perineum Needle, full curved, extra large, $8\frac{1}{2}$ inches.....	3.25
E/-6538 <b>Reverdin's</b> Perineum Needle, curved on flat, with Hagedorn's point.....	2.75
E/-6540 <b>Reverdin's</b> Perineum Needle, full curved, with Hagedorn's point, $7\frac{1}{2}$ inches.....	3.00
E/-6541 <b>Reverdin's</b> Perineum Needle, automatic, curved, right or left, 9 inches.....	6.50
E/-6542 <b>Reverdin's</b> Perineum Needle, automatic, set of 3 in one handle.....	12.00
E/-6553 <b>Skene's</b> Perineum Needle, open eye, straight.....	1.00
E/-6554 <b>Skene's</b> Perineum Needle, open eye, curved.....	1.00



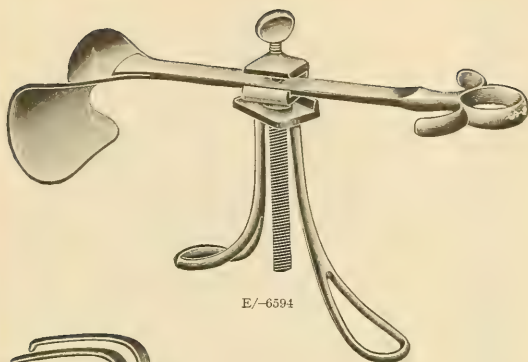
### Cervical, Pedicle and Perineal Needles

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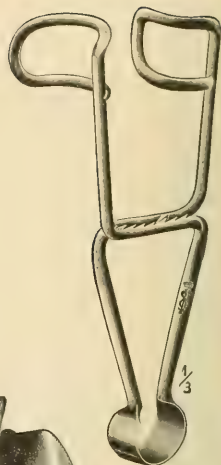
	Each
E/-6559 <b>Tiemann's</b> Perineum Needle, full curved.....	\$ 1.00
E/-6562 <b>Whitehead's</b> Perineum Needle, spiral, curved right and left.....	1.25
E/-6570 <b>Wilson's</b> Perineum Needle, full curved.....	.75
E/-6573 <b>Zweifel's</b> Abdominal Needle.....	3.50

### Abdominal Retractors

E/-6580 <b>Balfour's</b> Retractor, automatic, with 3 blades.....	10.00
E/-6582 <b>Balfour's</b> Extra Narrow Centre Blade, 2 1/4 inches wide.....	4.00
E/-6586 <b>Beck's</b> Abdominal Spatula.....	1.75
E/-6589 <b>Bellfield's</b> Retractor, wire, double ended.....	.75



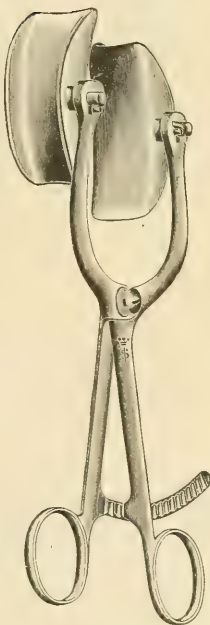
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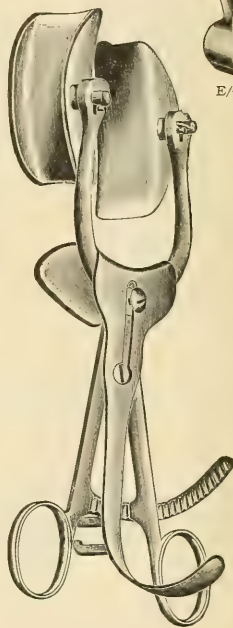
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E/-6600



E/-6602



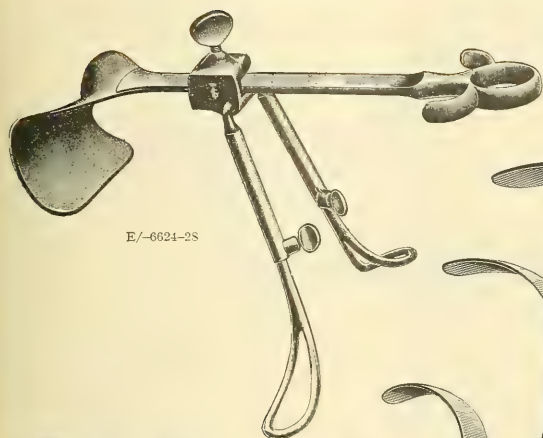
E/-6603

### Abdominal Retractors

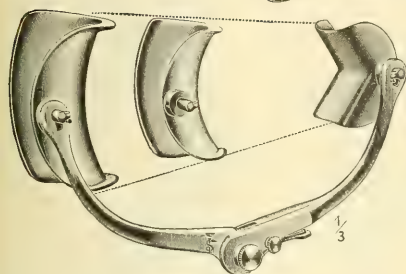
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	Each
E/-6594 Child's (Chas. G.) Support, for Doyen's blades, E/-6626 to E/-6628, price without blade . . . .	\$ 9.00
E/-6600 Collin's Retractor, 4 sizes, 1, 1½, 1¾ and 2¼ inches wide . . . . .	3.75
E/-6602 Collin's Retractor, automatic, 2 blades . . . . .	7.50
E/-6603 Collin's Retractor, automatic, 3 blades . . . . .	9.00
E/-6607 Dartigues' Retractor . . . . .	8.50





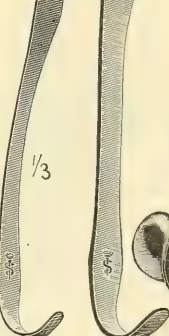
E/-6624-2S



E/-6619



E/-6612



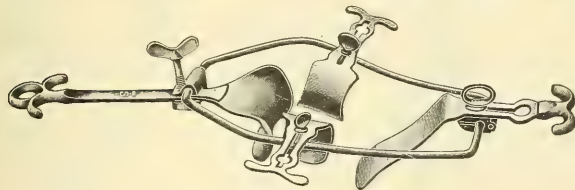
E/-6613



E/-6614



E/-6622

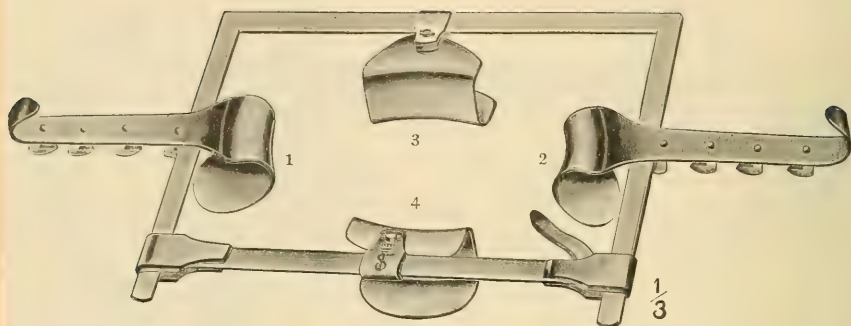


E/-6633

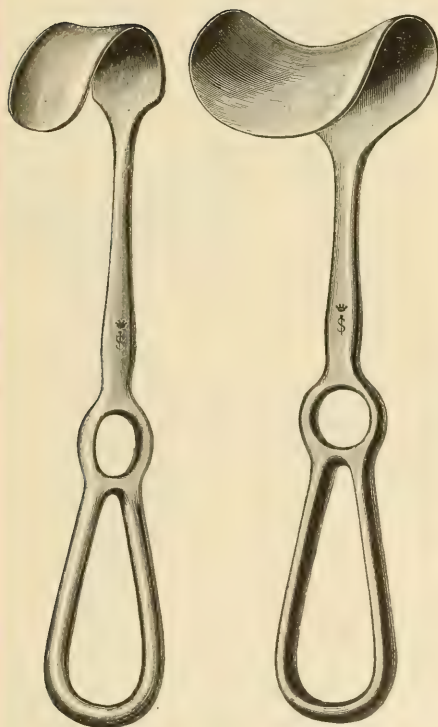
## Abdominal Retractors

(Continued)

	Each
E/-6612 Deaver's Retractor, short, 1 inch wide.....	\$ 1.00
E/-6613 Deaver's Retractor, long, 1 inch wide.....	1.00
E/-6614 Deaver's Retractor, extra long, 2 inches wide.....	1.10
E/-6615 Deaver's Retractor, extra long, 1 inch wide.....	1.00
E/-6619 Delagenière's Retractor, with 3 assorted sizes of blades.....	12.50
E/-6622 Doyen's Retractor, blade 3 3/4 inches wide.....	3.25
E/-6624 Doyen's Support, modified by Boldt, price without blade.....	\$ 7.50
E/-6626 Doyen's Blade, for above, small, 3 3/4 inches wide.....	5.00
E/-6627 Doyen's Blade, for above, medium, 3 1/2 inches wide.....	5.00
E/-6628 Doyen's Blade, for above, large, 3 3/4 inches wide.....	5.00
E/-6633 Faure and Coryllos' Retractor, adjustable, with intestinal guard.....	22.50



E/-6642

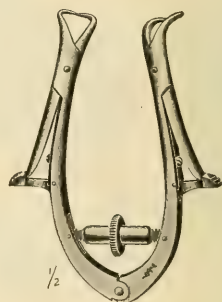


E/-6650

E/-6651



E/-6637

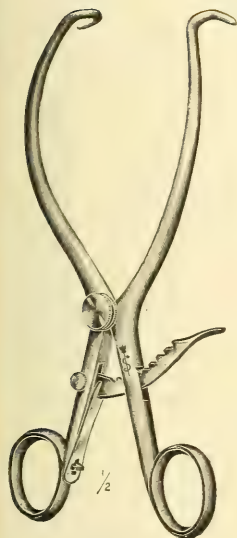


E/-6646

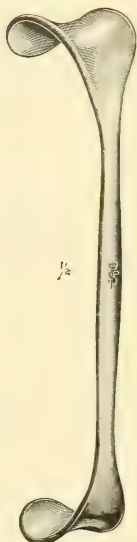
### Abdominal Retractors

(Continued)

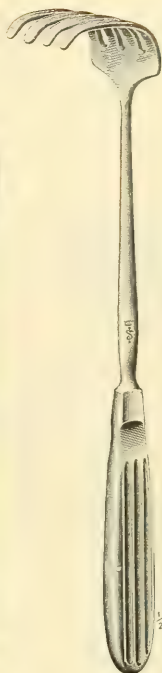
	Each
E/-6637 Flexible Copper Retractor, silver plated, 4 sizes, 1, 1 1/4, 1 1/2 and 2 inches wide, 13 inches long.....	\$ 1.00
E/-6642 Franz's Retractor, with 8 assorted sizes of blades.....	21.00
E/-6646 Friedman's Retractor, for perineorrhaphy.....	13.50
E/-6650 Fritsch's Retractor, narrow.....	1.75
E/-6651 Fritsch's Retractor, broad.....	2.50



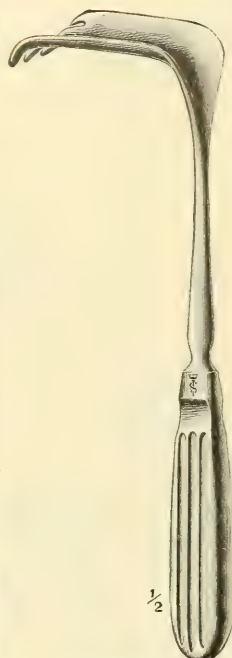
E/-6655



E/-6658



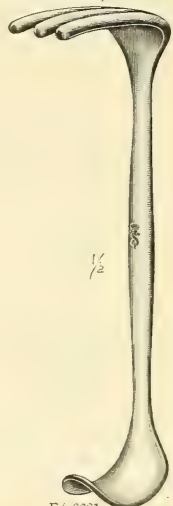
E/-6672



E/-6666-67



E/-6671

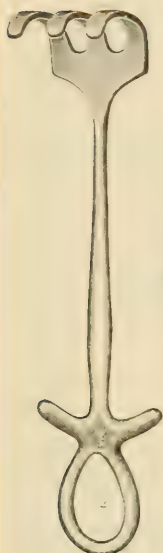


E/-6661

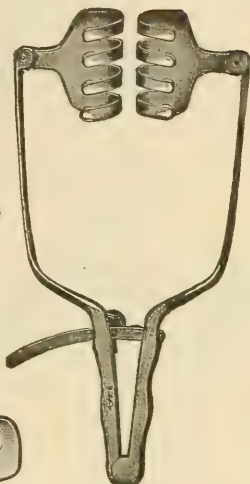
### Abdominal Retractors

(Continued)

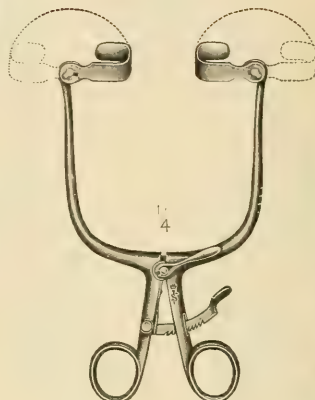
	Each
E/-6655 Gelpi's Retractor, for perineorrhaphy.....	\$ 5.00
E/-6658 Goelet's Retractor, double ended.....	2.25
E/-6661 Guiteras' Retractor, double ended.....	2.50
E/-6666 Halsted's Retractor, with blunt prongs.....	3.50
E/-6667 Halsted's Retractor, with sharp prongs.....	3.50
E/-6671 Houzel's Retractor, scissor handles.....	5.50
E/-6672 Israel's Retractor, with 4 blunt prongs.....	2.25



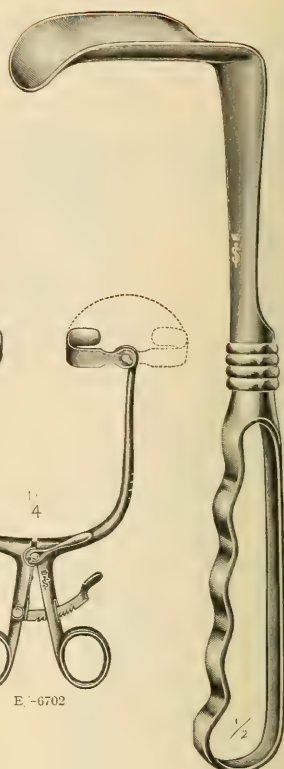
E/-6673



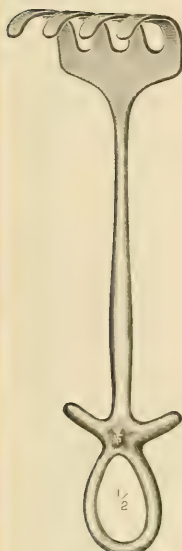
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E/-6702



E/-6696



E/-6674

## Abdominal Retractors

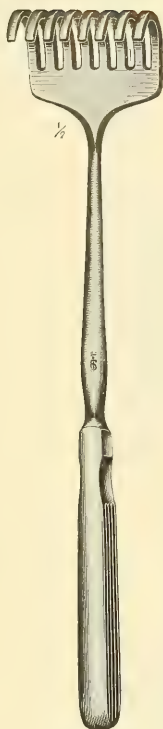
(Continued)

	Each
E/-6673 <b>Israel's Retractor</b> , large pattern, with 3 prongs.....	\$ 2.50
E/-6674 <b>Israel's Retractor</b> , large pattern, with 4 prongs.....	2.50
E/-6696 <b>Kelly's Retractor</b> , 4 sizes, 1½, 2, 2½ and 3½ inches wide..	1.75
E/-6698 <b>Kelly's Retractor</b> , automatic, large blade, 2½ inches wide...	6.00
E/-6700 <b>Kelly's Retractor</b> , automatic, small blade, 1¾ inches wide...	6.00
E/-6702 <b>Kelly-Simpson's Retractor</b> , with scissor handles.....	6.50





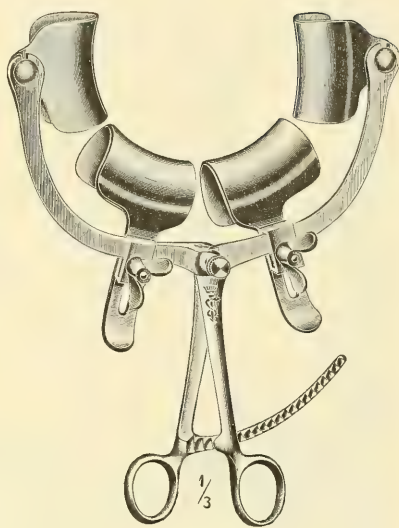
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E/-6708



E/-6714

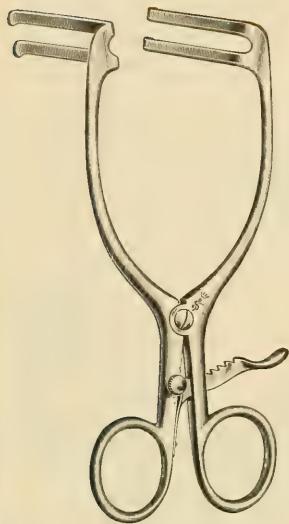


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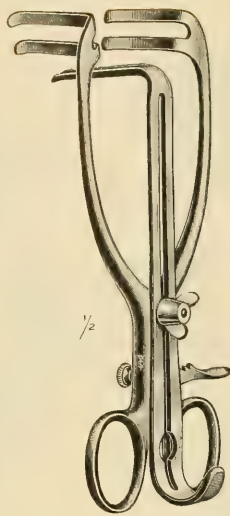
### Abdominal Retractors

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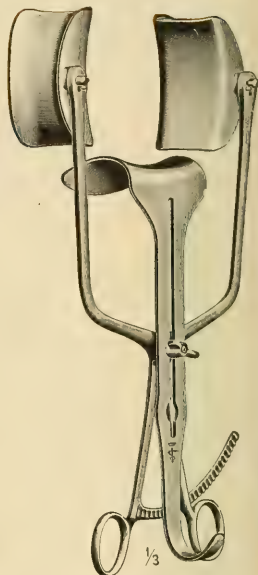
	Each
E/-6705 <b>Kocher's</b> Retractor, for laparotomy.....	\$ 3.00
E/-6708 <b>Koerte's</b> Retractor, with 8 prongs.....	2.75
E/-6711 <b>Logotheopoulis'</b> Retractor, with scissor handles and 4 blades.....	18.00
E/-6714 <b>Mayo's</b> Retractor, blade $3\frac{1}{4}$ inches wide.....	2.75



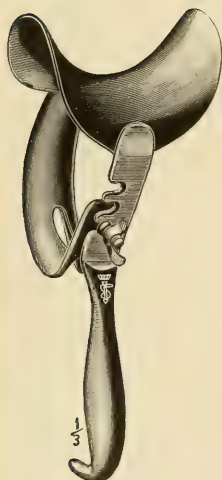
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E/-6718



E/-6727

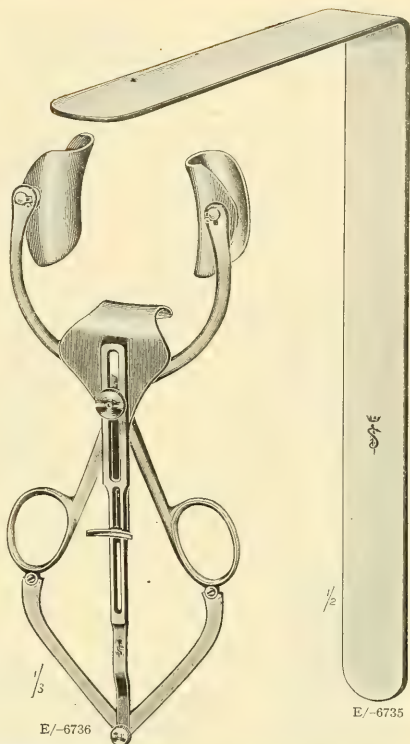
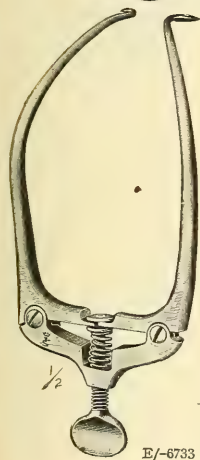
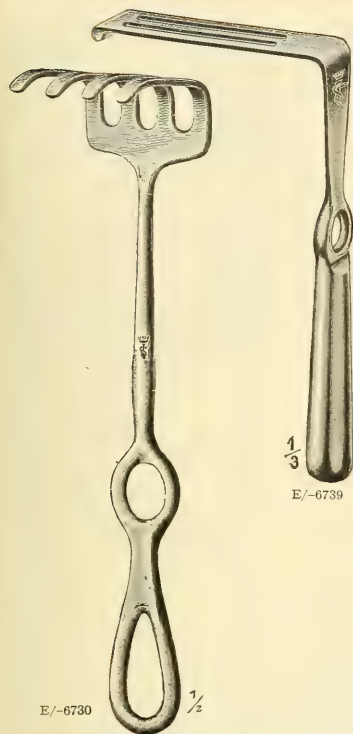


E/-6722

### Abdominal Retractors

(Continued)

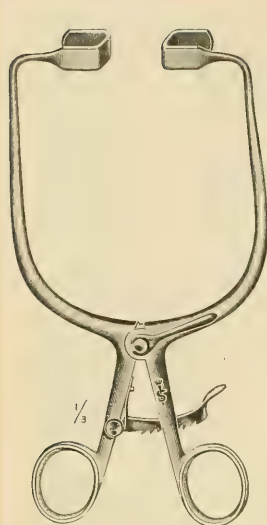
	Each
E/-6717 Mayo-Adams' Retractor, with 2 blades.....	\$ 4.50
E/-6718 Mayo-Adams' Retractor, with 3 blades.....	5.50
E/-6722 Monprofit's Retractor, with adjustable vaginal support...	8.50
E/-6727 Oettingen's Retractor, scissor handles, and 3 blades.....	7.50



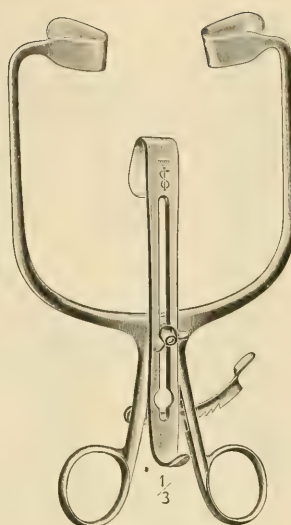
### Abdominal Retractors

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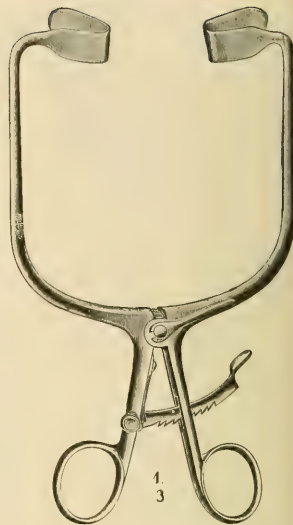
	Each
E/-6730 Ollier's Retractor, with 4 prongs.....	\$ 2.00
E/-6733 Pitkin's Modification of Gelpi's Retractor, for perineorrhaphy.....	7.50
E/-6735 Polyclinic Retractor, rectangular, steel, 1½ inches wide, 16¾ inches long.....	1.00
E/-6736 Rapin's Retractor, automatic, with 3 blades.....	12.00
E/-6739 Rehn's Retractor, with large fenestrated blade.....	4.75
E/-6742 Reverdin's Abdominal Spatula.....	2.00



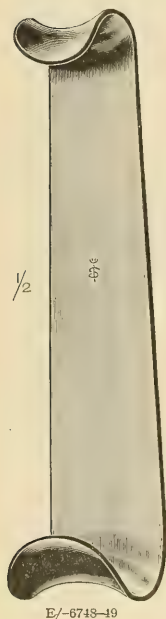
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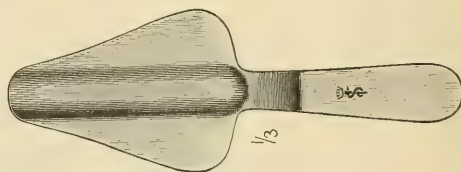
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E/-6759



E/-6748-49



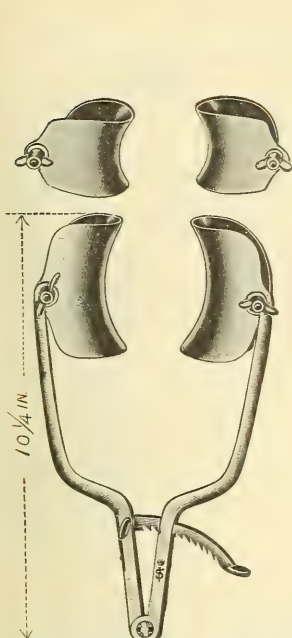
E/-6753

## Abdominal Retractors

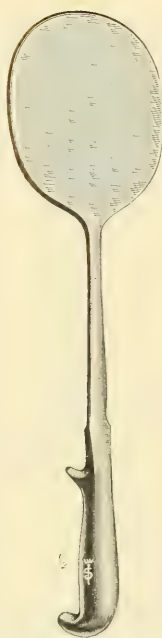
(Continued)

	Each
E/-6748 Roux's Retractor, double ended, blades $\frac{3}{8}$ and $1\frac{1}{2}$ inches....	\$ 2.00
E/-6749 Roux's Retractor, double ended, blades $1\frac{3}{8}$ and $1\frac{7}{8}$ inches wide	2.25
E/-6753 Silberman's Abdominal Spatula.....	2.00
E/-6756 Simpson's Retractor.....	6.00
E/-6758 Simpson-Collins' Retractor, with 3 blades.....	8.00
E/-6759 Simpson-Mayo's Retractor.....	6.00

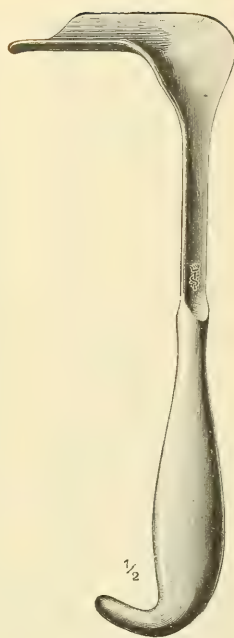




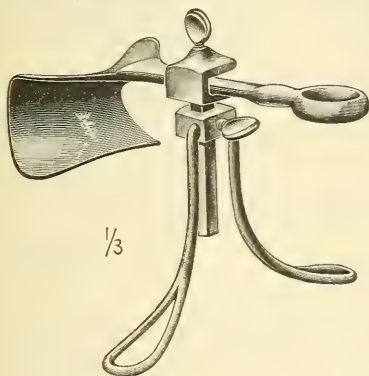
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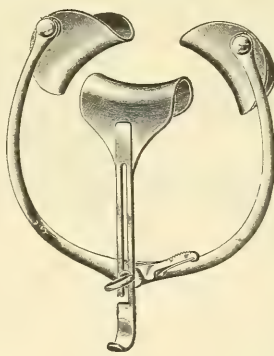
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E/-6780



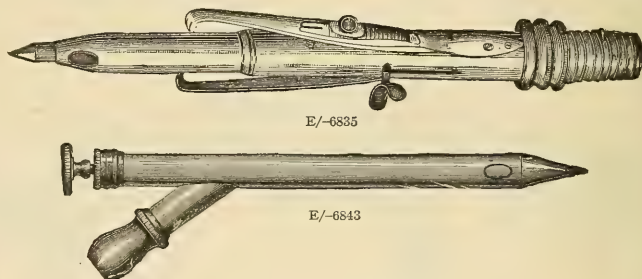
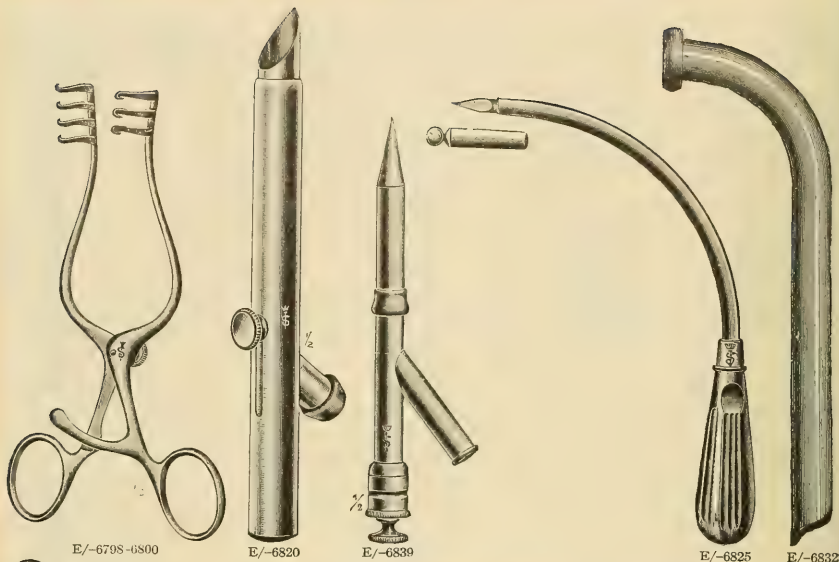
E/-6784-S9



E/-6793

### Abdominal Retractors (Continued)

	Each		Each
E/-6764 Sturmdorf's Retractor, with 2 sets of blades.....	\$ 11.50	E/-6786 Ward's Blade for above, small, 3 1/2 inches wide.....	\$ 4.50
E/-6774 Trendelenburg's Abdominal Spatula, 2 3/4 inches diameter.....	3.25	E -6787 Ward's Blade for above, medium, 3 1/4 inches wide.....	4.50
E/-6775 Trendelenburg's Abdominal Spatula, 3 1/2 inches diameter.....	3.50	E -6789 Ward's Blade for above, large, 3 3/8 inches wide.....	4.50
E/-6776 Trendelenburg's Abdominal Spatula, 4 1/2 inches diameter.....	3.75	E/-6793 Webster's Retractor, with 3 blades.....	10.00
E/-6780 Tuffier's Retractor, large blade, 27 1/2 inches wide.....	6.00		
E -6784 Ward's Support, price without blade.....			



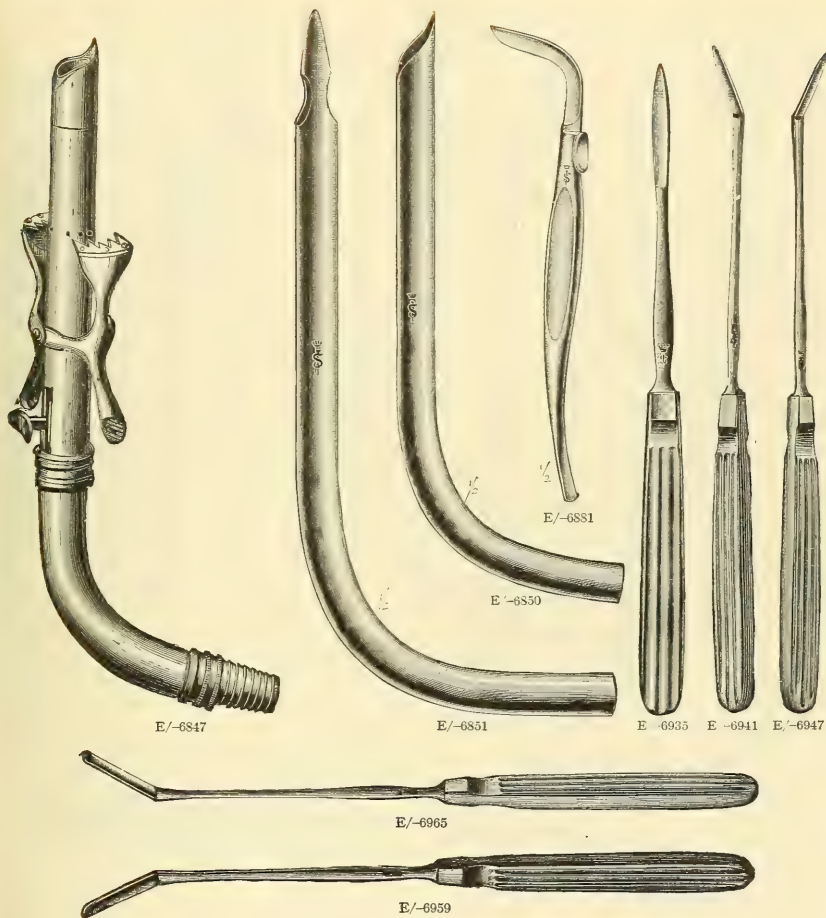
### Abdominal Retractors

(Continued)

		Each
E/-6798	Weitlaner's Retractor, small, $5\frac{1}{4}$ inches long.....	\$ 2.00
E/-6799	Weitlaner's Retractor, medium, $6\frac{1}{4}$ inches long.....	2.75
E/-6800	Weitlaner's Retractor, large, $9\frac{1}{2}$ inches long.....	3.60

### Trocars

E/-6820	Dunster's Ovarian Trocar.....	3.50
E/-6825	Douglas' Ovarian Trocar.....	3.50
E/-6829	Emmett's Ovarian Trocar, 4 sizes, 19, 23, 27 and 31 French scale....	2.50
E/-6832	Hegar's Ovarian Trocar.....	2.50
E/-6835	Lawson Tait's Ovarian Trocar.....	12.00
E/-6839	Mathieu's Ovarian Trocar.....	3.50
E/-6843	Péan's Ovarian Trocar.....	3.50



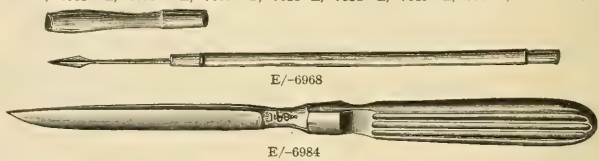
## Trocars

(Continued)

	Each
E/-6847 Spencer Wells' Ovarian Trocar.....	\$ 12.00
E/-6850 Wylie's Ovarian Trocar, sharp.....	2.25
E/-6851 Wylie's Ovarian Trocar, blunt.....	2.00

## Knives

	Each
E/-6881 Barrett's Knife, for splitting the cervix.....	2.00
E/-6935 Bozeman's Uterine Knife, straight.....	1.50
E/-6941 Bozeman's Uterine Knife, bent up, right.....	1.50
E/-6947 Bozeman's Uterine Knife, bent up, left.....	1.50
E/-6959 Bozeman's Uterine Knife, bent up, probe point, right.....	1.50
E/-6965 Bozeman's Uterine Knife, bent up, probe point, left.....	1.50

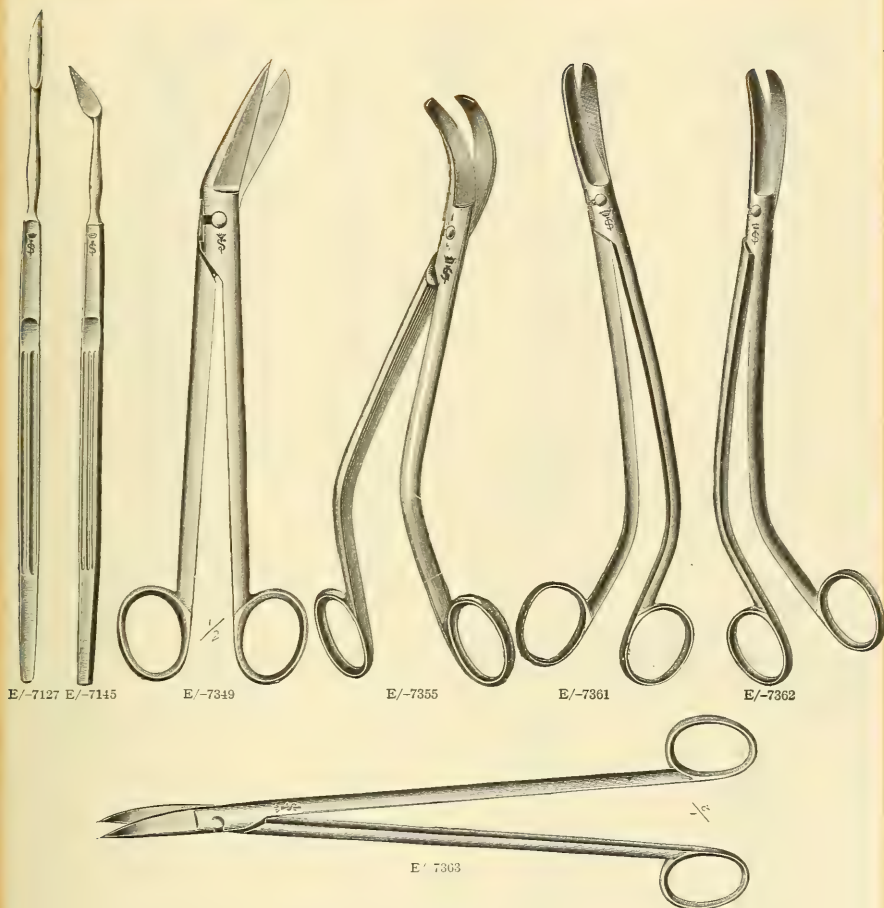


### Knives

(Continued)

	Each
E/-6968 <b>Buttle's</b> Uterine Scarifying Knife, with protecting cap.....	\$ 1.75
E/-6976 <b>Fritsch's</b> Uterine Scarifying Knife.....	1.50
E/-6979 <b>Goelet's</b> Uterine Scarifying Knife, double edged.....	2.00
E/-6984 <b>Kelly's</b> Amputating Knife, for myomatous ulcers.....	2.25
E/-6986 <b>Kelly's</b> Vesico-vaginal Fistula Knife.....	2.75
E/-6988 <b>Kelly's</b> Knife, for depleting the cervix.....	1.75
E/-6990 <b>Kelly's</b> Hysterecctomy Spud.....	2.50
E/-7007 <b>Kuechenmeister's</b> Uterine Scarifying Knife.....	2.00
E/-7023 <b>Maier's</b> Uterine Scarifying Knife, reversible.....	1.75
E/-7029 <b>Newman's</b> Trachelorrhaphy Knife.....	1.75
E/-7034 <b>Nicaise's</b> Uterine Scarifying Knife.....	1.75
E/-7049 <b>Schroeder's</b> Uterine Knife, double edged.....	1.75
E/-7061 <b>Simon's</b> Uterine Knife, straight.....	1.50
E/-7067 <b>Simon's</b> Uterine Knife, angular bent, right.....	1.75
E/-7073 <b>Simon's</b> Uterine Knife, angular bent, left.....	1.75





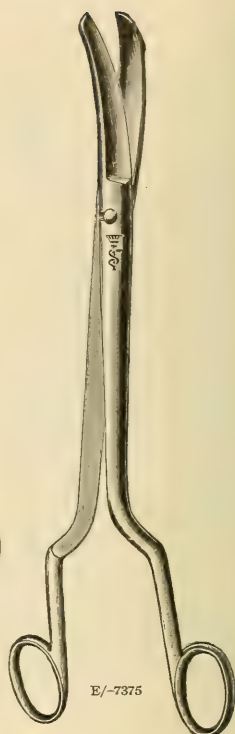
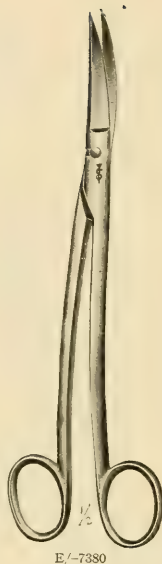
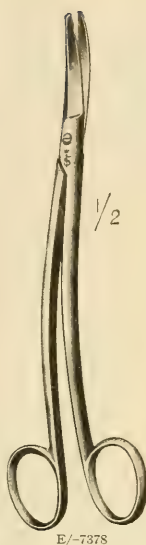
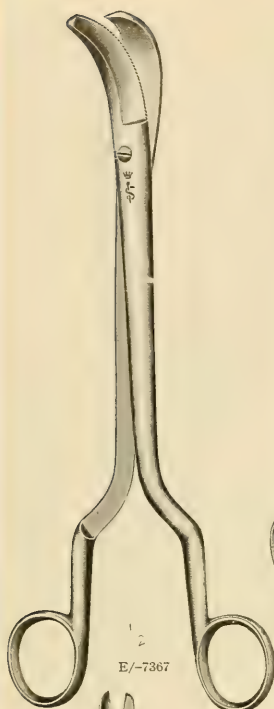
### Knives

(Continued)

		Each
E/-7127	Ulrich's Uterine Knife.....	\$ 1.75
E/-7145	Ulrich's Uterine Scarifying Knife, angular.....	2.00

### Scissors

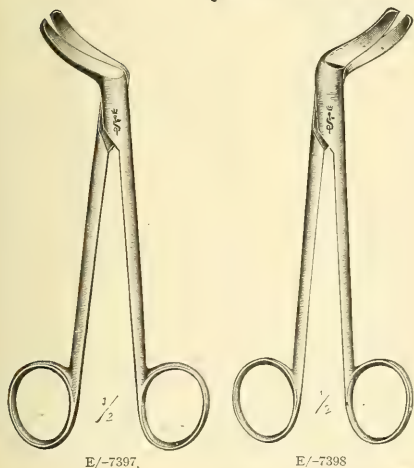
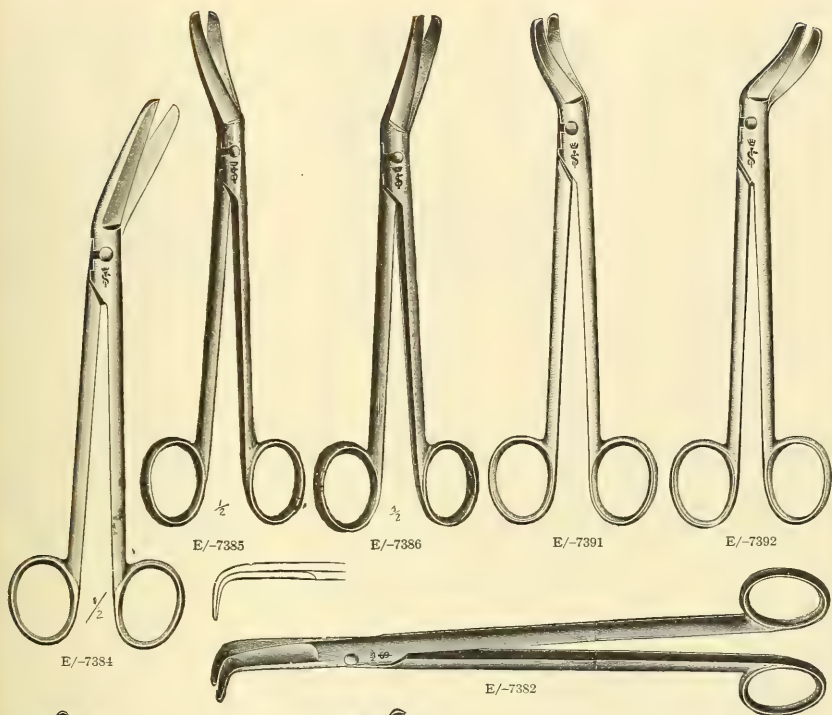
E/-7349	Bozeman's Uterine Scissors, angular bent, 8¾ inches long.....	2.00
E/-7355	Bozeman's Uterine Scissors, double curved, S-shape.....	2.25
E/-7361	Bozeman's Uterine Scissors, double curved, bent sideways, right, 9½ inches long.....	2.50
E/-7362	Bozeman's Uterine Scissors, double curved, bent sideways, left, 9½ inches long.....	2.50
E/-7363	Byford's Uterine Scissors, 9¼ inches long.....	2.25



### Scissors

(Continued)

	Each
E/-7367 <b>Clark's</b> Uterine Scissors, tooth-edged blades, length 10 inches	\$ 4.00
E -7369 <b>Doyen's</b> Abdominal Scissors, straight, 7 inches	1.50
E -7372 <b>Doyen's</b> Abdominal Scissors, curved, 7 inches	1.65
E/-7375 <b>Doyen's</b> Uterine Scissors, heavy, for extirpation of the uterus, 10 $\frac{1}{4}$ inches long	2.25
E/-7378 <b>Dunsmore's</b> Uterine Scissors, 7 $\frac{1}{2}$ inches long	1.75
E/-7380 <b>Dunsmore's</b> Uterine Scissors, latest pattern, 7 $\frac{1}{2}$ inches long	2.00



## Scissors

(Continued)

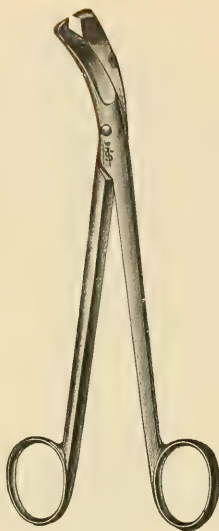
	Each
E/-7382 <b>Ebell's Uterine Scissors</b> , length 9 inches.....	\$ 4.00
E/-7384 <b>Emmett's Uterine Scissors</b> , angular.....	1.60
E/-7385 <b>Emmett's Uterine Scissors</b> , lesser curved, right.....	2.25
E/-7386 <b>Emmett's Uterine Scissors</b> , lesser curved, left.....	2.25
E/-7391 <b>Emmett's Uterine Scissors</b> , full curved, right.....	2.50
E/-7392 <b>Emmett's Uterine Scissors</b> , full curved, left.....	2.50
E/-7397 <b>Emmett's Uterine Scissors</b> , full curved, right, latest pattern...	2.75
E/-7398 <b>Emmett's Uterine Scissors</b> , full curved, left, latest pattern.....	2.75



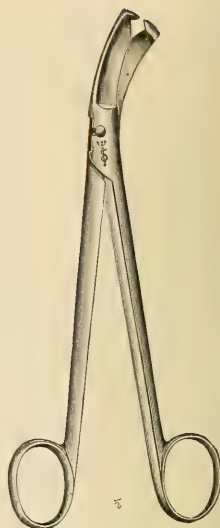
E/-7402



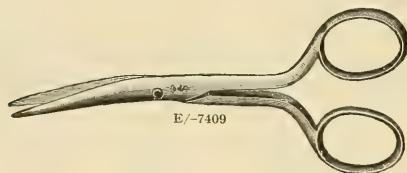
E/-7403



E/-7415



E/-7416



E/-7409

### Scissors

(Continued)

	Each
E/-7402 English Pattern Abdominal Scissors, straight, 7 inches	\$ 1.75
E/-7403 English Pattern Abdominal Scissors, curved, 7 inches.	1.85
E/-7409 Greig Smith's Peritoneal Scissors, 5 1/2 inches long.	1.00
E/-7415 Hanks' Trachelorrhaphy Scissors, right, 7 1/2 inches long	1.75
E/-7416 Hanks' Trachelorrhaphy Scissors, left, 7 1/2 inches long.	1.75
E/-7439 Jenks' Perineal Scissors, double edged, 7 inches long.	1.25
E/-7442 Kelly's Fistula Scissors, straight, 6 1/4 inches.	1.25
E/-7444 Kelly's Fistula Scissors, curved, 6 1/4 inches.	1.50
E/-7446 Kelly's Fistula Scissors, curved, 7 inches.	1.75



E/-7439

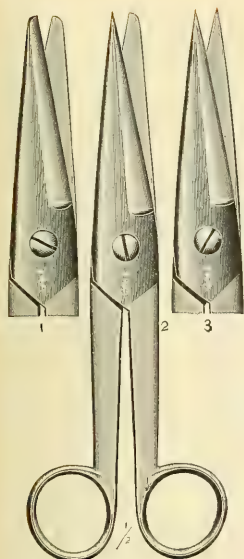


E/-7442

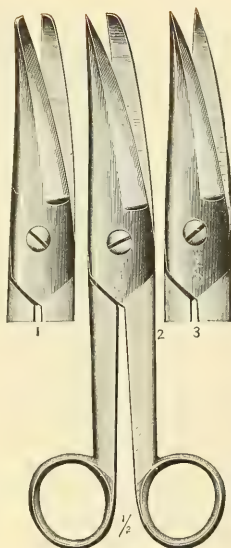


E/-7444-46





E/-7449



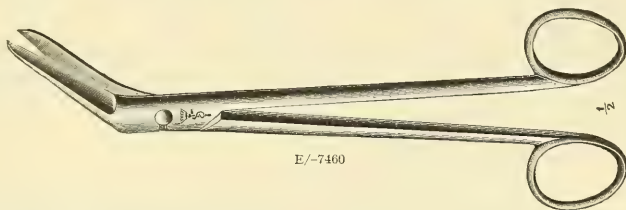
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E/-7454



E/-7457



E/-7460

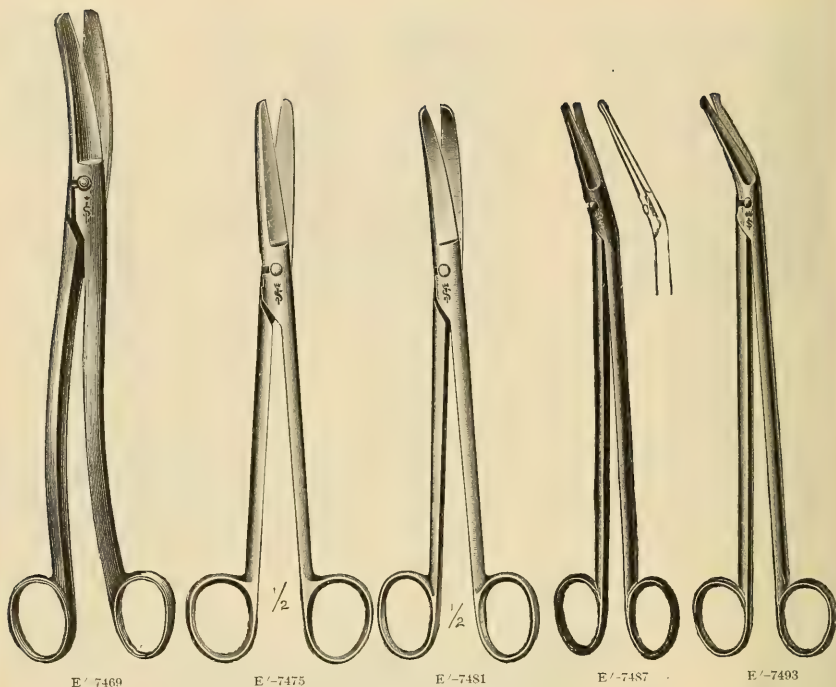
## Scissors

(Continued)

	Each
E/-7449 Noble's Abdominal Scissors, extra heavy, straight.....	\$ 5.50
E/-7450 Noble's Abdominal Scissors, extra heavy, curved.....	6.50

When ordering Scissors E/-7449 and E/-7450, specify points desired as illustrated:  
No. 1, both points blunt; No. 2, one sharp point and one blunt point; No. 3, both points sharp.

E/-7454 Olshausen's Abdominal Scissors, heavy, angular, $7\frac{3}{8}$ inches long...	2.00
E/-7457 Roubaix's Uterine Scissors, curved blade, $7\frac{3}{8}$ inches long.....	2.25
E/-7460 Scanzoni's Uterine Scissors, angular.....	2.00



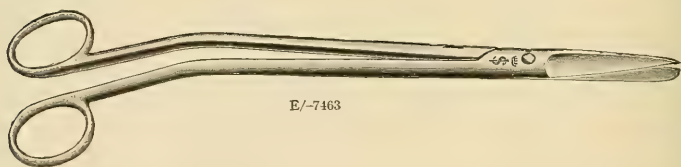
E/-7469

E/-7475

E/-7481

E/-7487

E/-7493

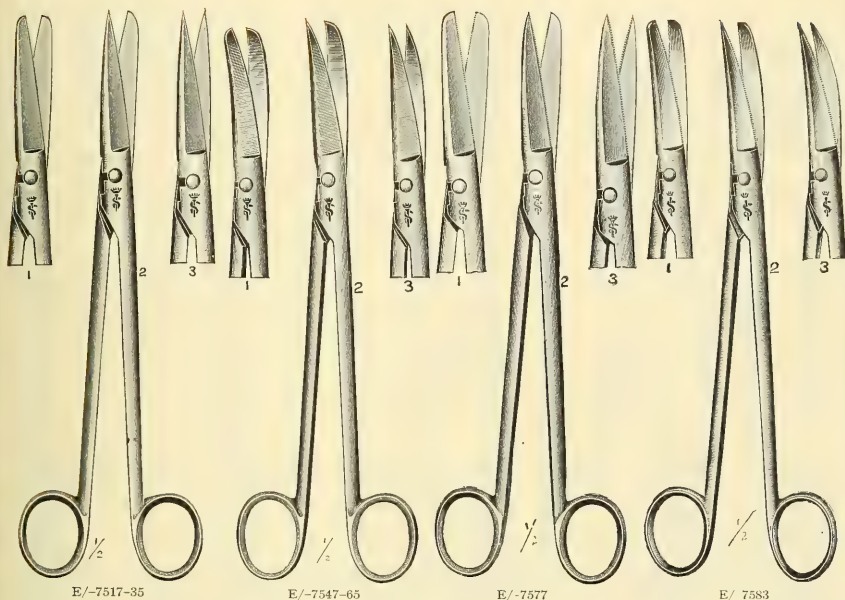


E/-7463

### Scissors

(Continued)

	Each
E/-7463 <b>Schroeder's</b> Uterine Scissors, 9 $\frac{5}{8}$ inches long . . . . .	\$ 2.25
E/-7469 <b>Siebold's</b> Uterine Scissors, heavy, 9 $\frac{3}{4}$ inches long . . . . .	2.25
E/-7475 <b>Simon's</b> Uterine Scissors, straight . . . . .	2.00
E/-7481 <b>Simon's</b> Uterine Scissors, curved . . . . .	2.25
E/-7487 <b>Sims' Uterine Scissors</b> , bent on flat, 8 $\frac{1}{2}$ inches long . . . . .	1.75
E/-7493 <b>Sims' Uterine Scissors</b> , bent sideways, 8 $\frac{1}{2}$ inches long . . . . .	2.00

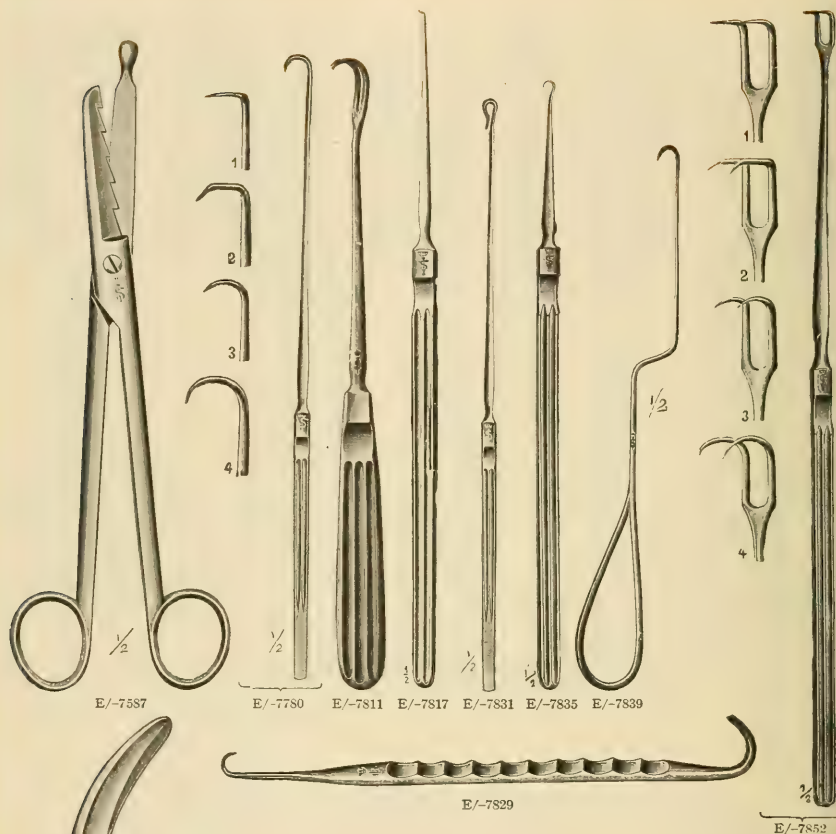


## Scissors

(Continued)

	Each
E/-7517 <b>Sims' Uterine Scissors</b> , straight, $7\frac{1}{2}$ inches.....	\$ 1.25
E/-7523 <b>Sims' Uterine Scissors</b> , straight, 8 inches.....	1.40
E/-7529 <b>Sims' Uterine Scissors</b> , straight, $8\frac{1}{2}$ inches.....	1.60
E/-7535 <b>Sims' Uterine Scissors</b> , straight, 9 inches.....	1.75
E/-7547 <b>Sims' Uterine Scissors</b> , curved, $7\frac{1}{2}$ inches.....	1.50
E/-7553 <b>Sims' Uterine Scissors</b> , curved, 8 inches.....	1.65
E/-7559 <b>Sims' Uterine Scissors</b> , curved, $8\frac{1}{2}$ inches.....	1.80
E/-7565 <b>Sims' Uterine Scissors</b> , curved; 9 inches.....	2.00
E/-7577 <b>Sims' Uterine Scissors</b> , with saw edge blades, straight, 8 inches.....	1.75
E/-7583 <b>Sims' Uterine Scissors</b> , with saw edge blades, curved, 8 inches.....	2.00
E/-7585 <b>Skene's Hawk-Bill Scissors</b> , improved pattern, $8\frac{1}{4}$ inches long.....	6.50

When ordering Scissors E/-7517 to E/-7583, specify points desired as illustrated: No. 1, both points blunt; No. 2, one sharp point and one blunt point; No. 3, both points sharp.



### Scissors

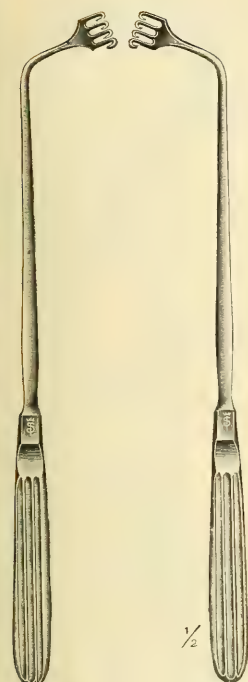
(Continued)

	Each
E/-7587 <b>Smith's</b> Uterine Scissors, for dividing the cervix.....	\$ 4.00
E/-7589 <b>Vezen's</b> Abdominal Scissors, heavy, curved sideways.....	1.25

### Tenacula

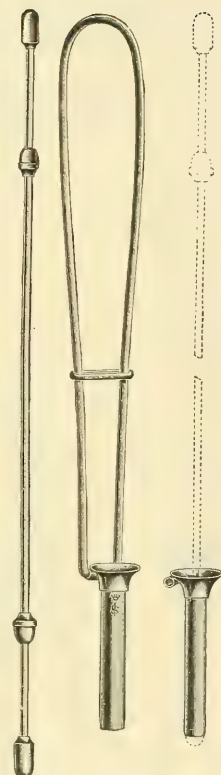
E/-7780 <b>Emmett's</b> Uterine Tenaculum, 4 styles, Nos. 1 to 4.....	.90
E/-7811 <b>Fritsch's</b> Uterine Tenaculum, double prongs.....	1.75
E/-7817 <b>Hanks'</b> Uterine Tenaculum, small prong.....	1.35
E/-7829 <b>Kelly's</b> Uterine Tenaculum, hook handle.....	.80
E/-7831 <b>Kelly's</b> Uterine Tenaculum, shepherd crook.....	.90
E/-7835 <b>Martin's</b> Uterine Tenaculum.....	1.35
E/-7839 <b>Murray's</b> Uterine Tenaculum.....	1.00
E/-7852 <b>Simon's</b> Uterine Tenaculum, double prongs, 4 styles, Nos. 1 to 4...	1.25





E/-7871

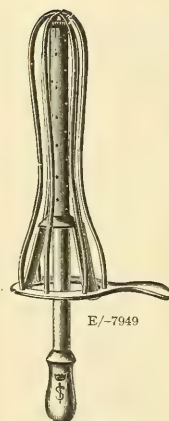
E/-7877



E/-8021



E/-8027



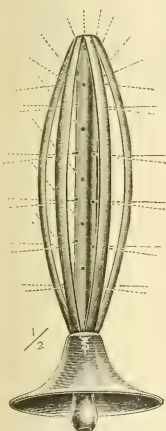
E/-7949



E/-7957



E/-8015



E/-7979

## Tenacula

(Continued)

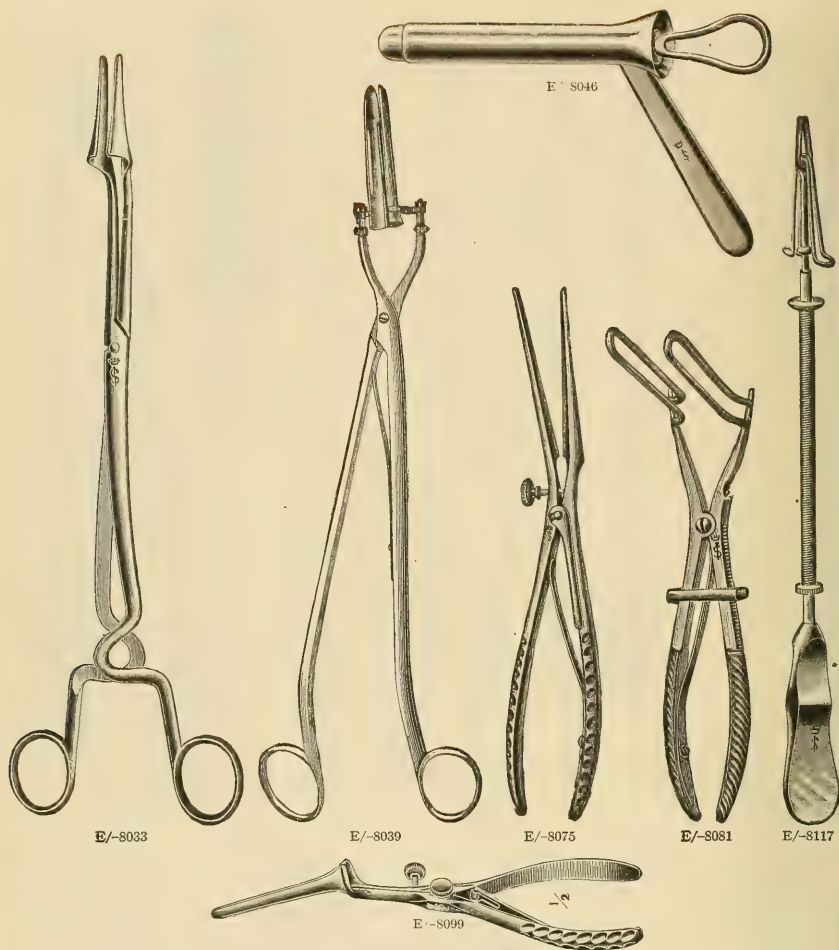
	Each
E/-7871 Simon's Uterine Tenaculum, with 4 prongs, bent to right.....	\$ 1.75
E/-7877 Simon's Uterine Tenaculum, with 4 prongs, bent to left.....	1.75

## Bath Specula

E/-7949 French Pattern Bath Speculum.....	1.50
E/-7957 Kny-Scheerer Co.'s Bath Speculum.....	1.50
E/-7979 Snyder's Bath Speculum.....	2.00

## Intra Uterine Specula

E/-8015 Brissez's Intra Uterine Speculum.....	5.00
E/-8021 Burrage's Intra Uterine Speculum, with 2 specula.....	1.50
E/-8027 Burrage's Douche Tube, for above.....	.25



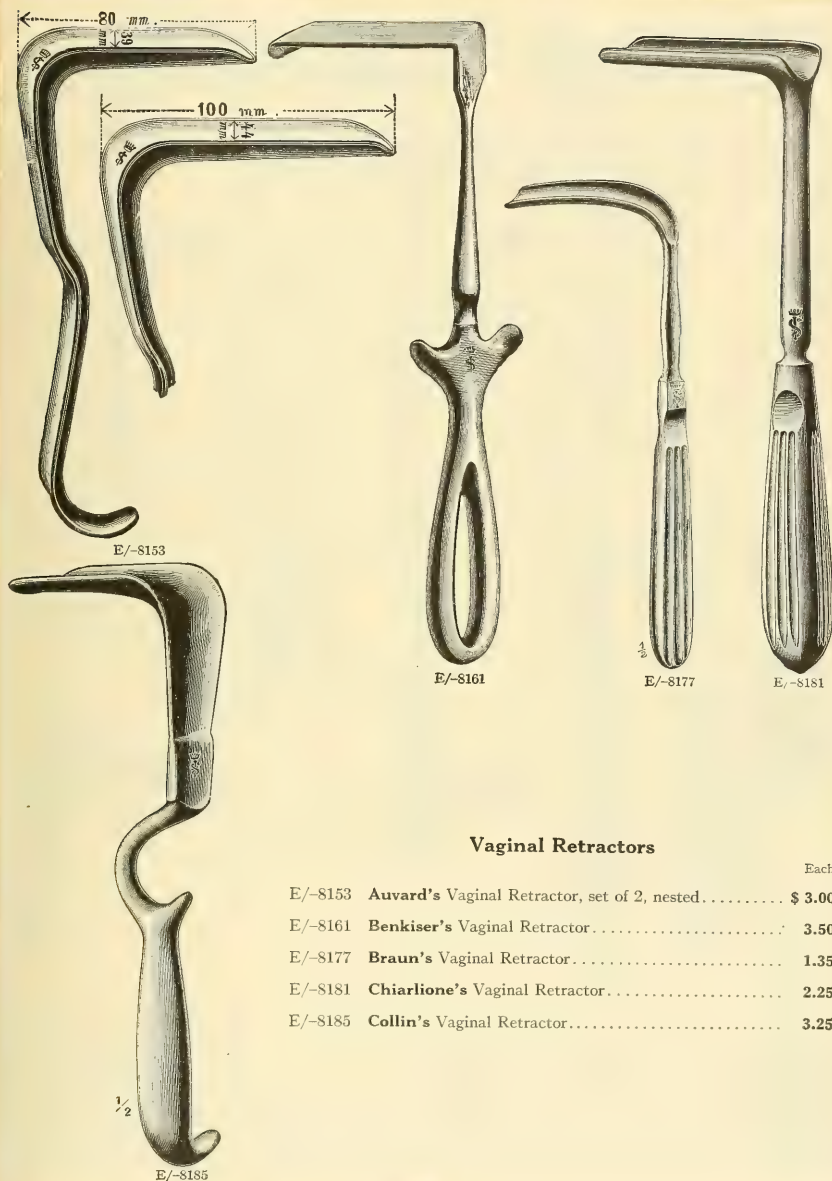
### Intra Uterine Specula

(Continued)

E/-8033	Collin's Intra Uterine Speculum, with scissor handle.....	Each \$ 5.00
E/-8039	Elliott's Intra Uterine Speculum, with scissor handle.....	5.00
E/-8046	Kelly's Intra Uterine Endoscope, 16 sizes, 5 to 20 mm. diameter.....	1.50
E/-8075	Pratt's Intra Uterine Speculum, steel.....	3.25
E/-8081	Sims' Intra Uterine Speculum, steel.....	3.75
E/-8099	Skene's Intra Uterine Speculum.....	2.00

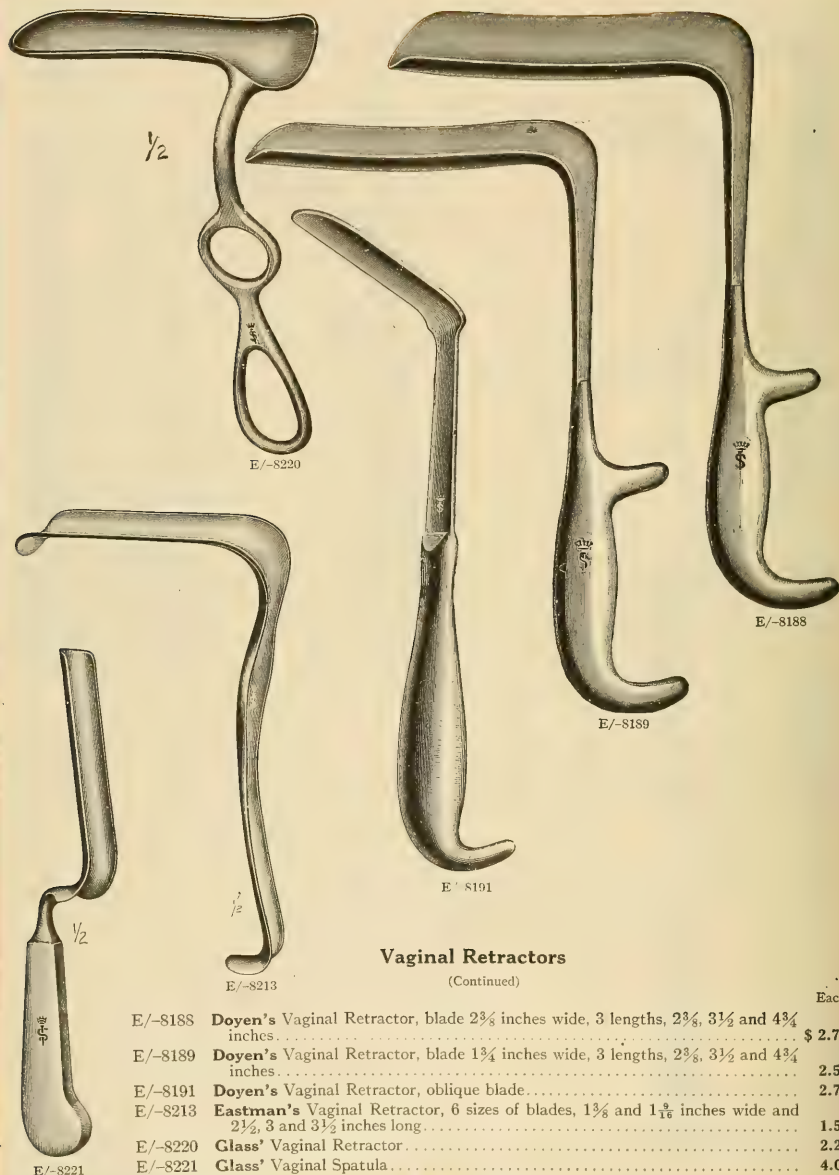
### Sterility Set

E/-8117	Outerbridge's Set, for the treatment of sterility, with 3 straight, 3 curved specula and introducer .....	2.50
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### Vaginal Retractors

	Each
E/-8153 Auvard's Vaginal Retractor, set of 2, nested.....	\$ 3.00
E/-8161 Benkiser's Vaginal Retractor.....	3.50
E/-8177 Braun's Vaginal Retractor.....	1.35
E/-8181 Chiarlione's Vaginal Retractor.....	2.25
E/-8185 Collin's Vaginal Retractor.....	3.25

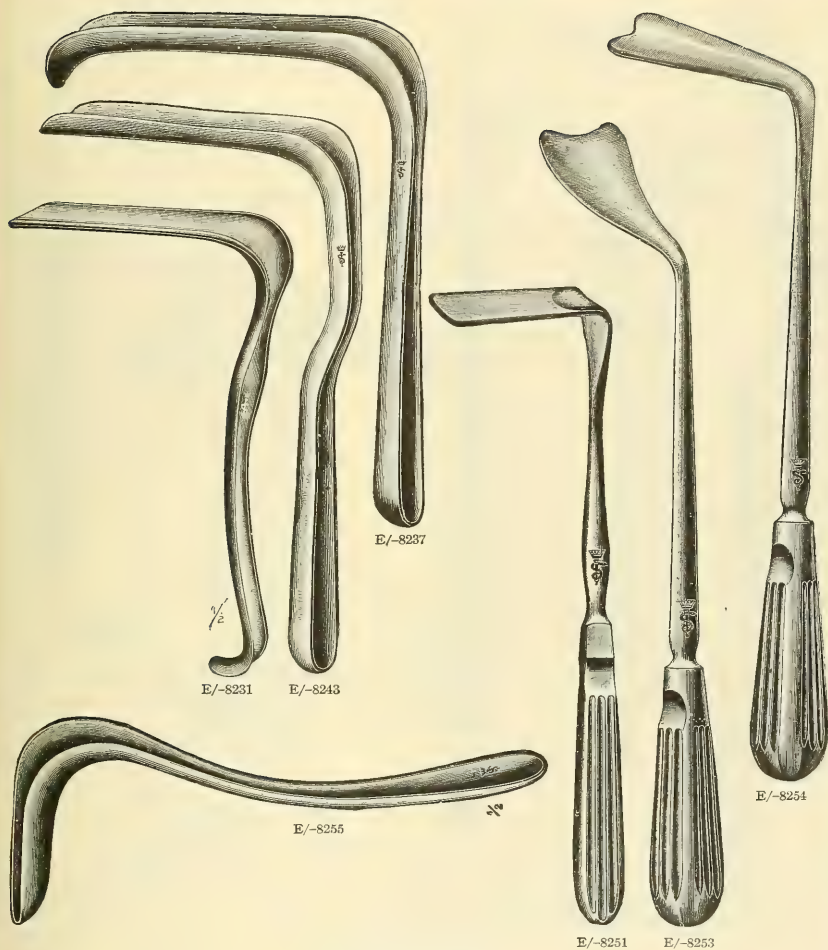


### Vaginal Retractors

(Continued)

	Each
E/-8188 Doyen's Vaginal Retractor, blade $2\frac{3}{8}$ inches wide, 3 lengths, $2\frac{3}{8}$ , $3\frac{1}{2}$ and $4\frac{3}{4}$ inches.....	\$ 2.75
E/-8189 Doyen's Vaginal Retractor, blade $1\frac{3}{4}$ inches wide, 3 lengths, $2\frac{3}{8}$ , $3\frac{1}{2}$ and $4\frac{3}{4}$ inches.....	2.50
E/-8191 Doyen's Vaginal Retractor, oblique blade.....	2.75
E/-8213 Eastman's Vaginal Retractor, 6 sizes of blades, $1\frac{3}{8}$ and $1\frac{5}{8}$ inches wide and $2\frac{1}{2}$ , 3 and $3\frac{1}{2}$ inches long.....	1.50
E/-8220 Glass' Vaginal Retractor.....	2.25
E/-8221 Glass' Vaginal Spatula.....	4.00

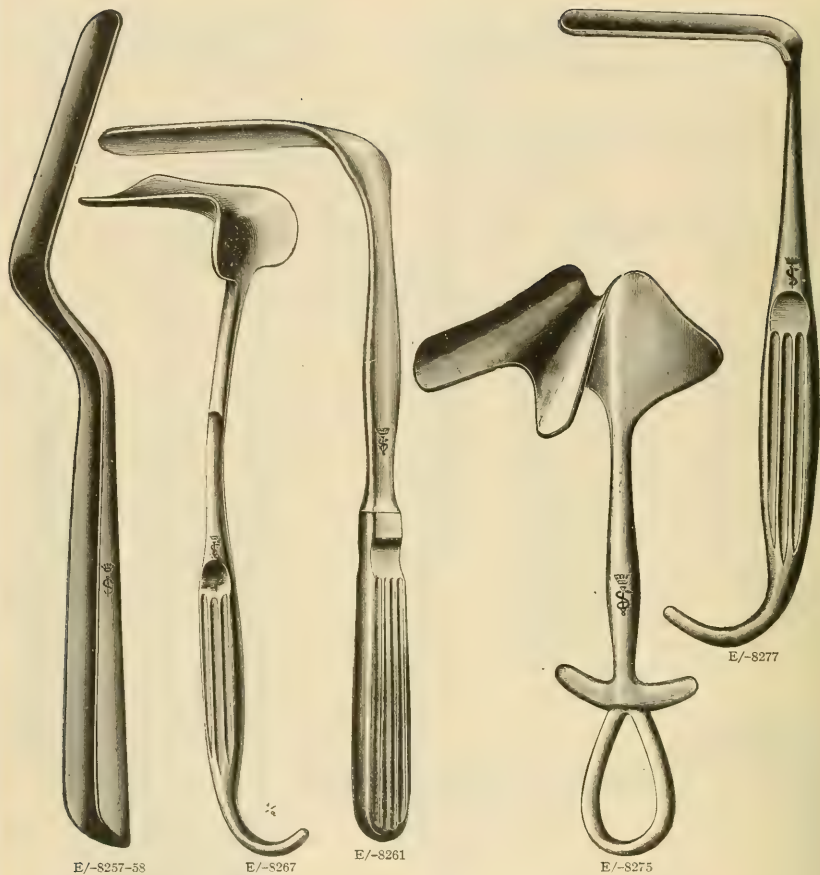




### Vaginal Retractors

(Continued)

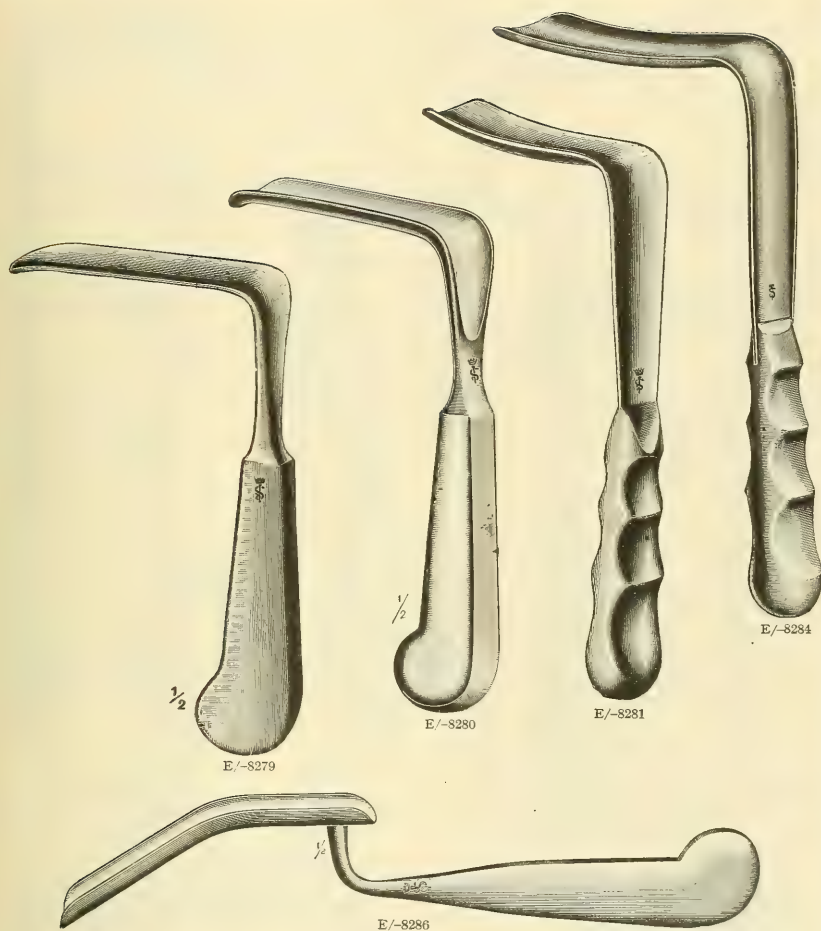
		Each
E/-8231	<b>Jackson's</b> Vaginal Retractor, 6 sizes of blades, 1 3/8 and 1 5/16 inches wide and 3, 3 1/2 and 4 inches long.....	\$ 1.10
E/-8237	<b>Jobert's</b> Vaginal Retractor, for upper vagina.....	2.00
E/-8243	<b>Jobert's</b> Vaginal Retractor, for lower vagina.....	2.00
E/-8251	<b>Kelly's</b> Vaginal Retractor, anterior.....	2.25
E/-8253	<b>Kelly's</b> Vaginal Retractor, upper.....	2.75
E/-8254	<b>Kelly's</b> Vaginal Retractor, lower.....	2.75
E/-8255	<b>Kristeller's</b> Vaginal Retractor, 3 sizes, 1 1/8 x 3, 1 1/4 x 3 3/8 and 1 1/2 x 4 inches.....	2.00



### Vaginal Retractors

(Continued)

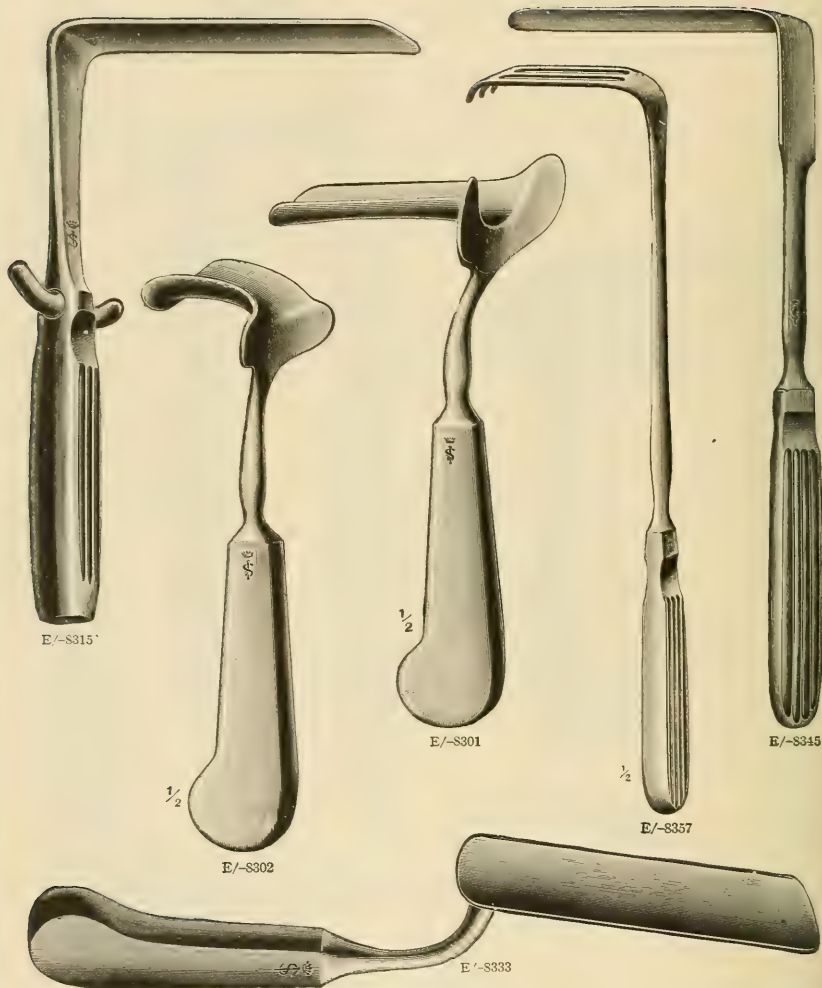
	Each
E/-8257 Landau's Vaginal Retractor, blade 4 inches long .....	\$ 2.75
E/-8258 Landau's Vaginal Retractor, blade 4¾ inches long .....	2.75
E/-8261 Martin's Vaginal Retractor, long narrow blade.....	2.00
E/-8267 Martin's Vaginal Retractor, with hooked handle.....	2.25
E/-8275 Neugebauer's Vaginal Retractor.....	3.00
E/-8277 Olshausen's Vaginal Retractor.....	2.00



### Vaginal Retractors

(Continued)

	Each
E/-8279 Péan's Vaginal Retractor, with flat blade.....	\$ 2.50
E/-8280 Péan's Vaginal Retractor, with concave blade.....	2.75
E/-8281 Péan's Vaginal Retractor, anterior.....	3.25
E/-8284 Polyclinic Vaginal Retractor.....	4.00
E/-8286 Polyclinic Vaginal Spatula.....	3.25

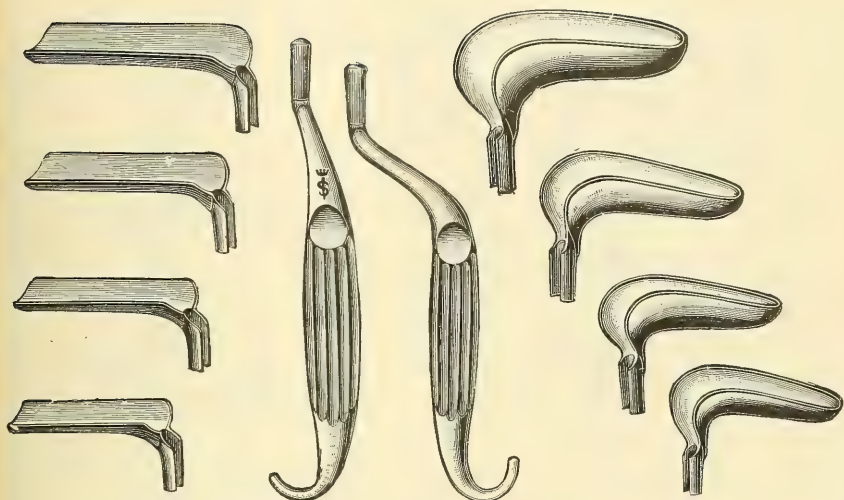


### Vaginal Retractors

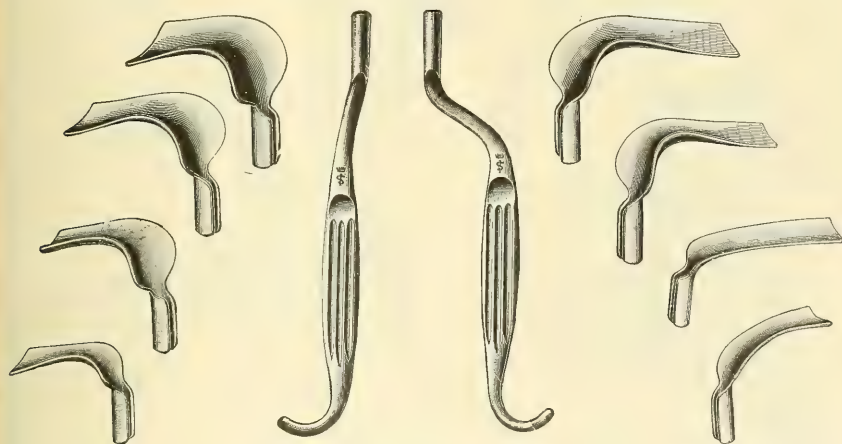
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	Each
E -S301 Pozzi's Vaginal Retractor, lower.....	\$ 3.75
E -S302 Pozzi's Vaginal Retractor, upper.....	3.75
E -S315 Segond's Vaginal Retractor.....	3.50
E -S333 Segond's Vaginal Spatula.....	2.50
E -S345 Simon's Vaginal Retractor, solid blade.....	2.50
E -S357 Simon's Vaginal Retractor, fenestrated blade.....	2.00





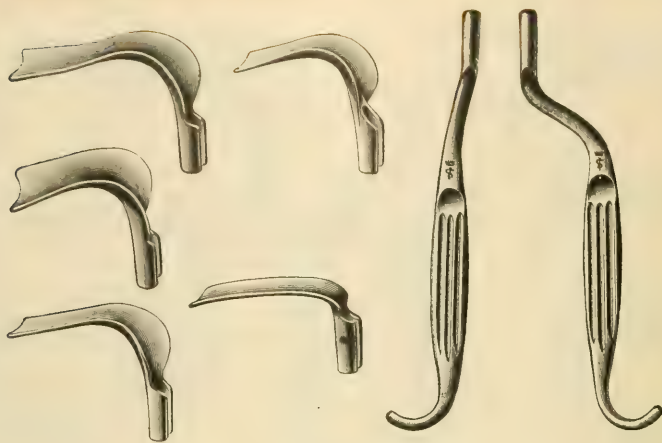
E/-8381



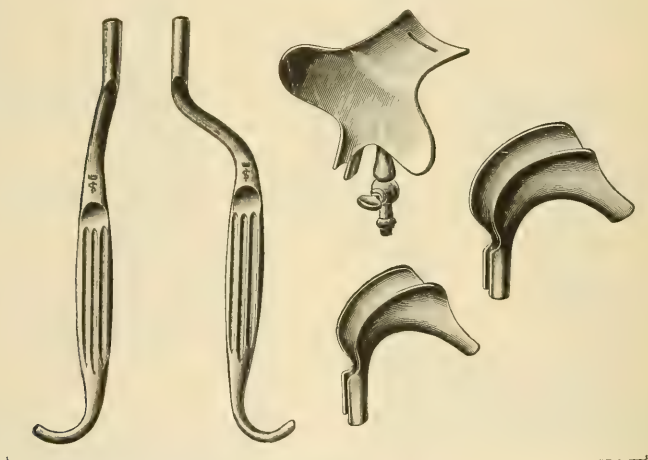
E -8387

### Vaginal Retractors in Sets

	Set
E/-8381 Bozeman's Set of 8 Blades, with 2 handles .....	\$ 10.00
E/-8387 Bozeman-Simon's Set of 8 Blades, with 2 handles .....	10.00



E/-8393



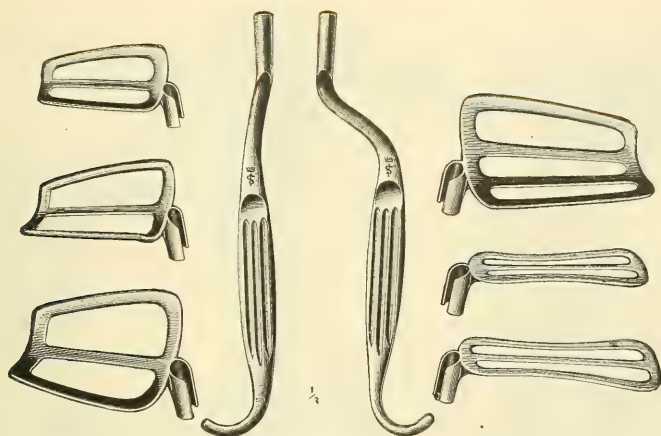
E/-8399

### Vaginal Retractors in Sets

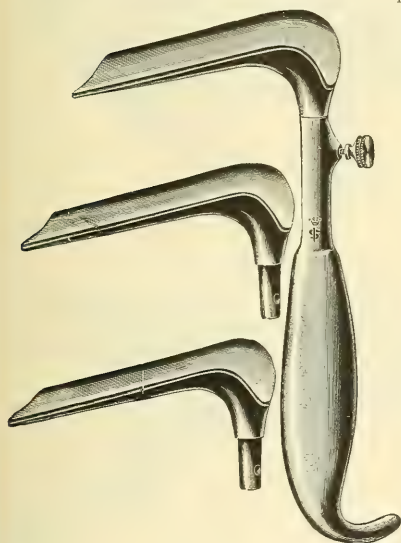
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	Set
E -8393 <b>Bozeman-Simon's</b> Set of 5 Blades, with 2 handles.....	\$ 7.00
E/-8399 <b>Fritsch's</b> Set of 3 Blades, with 2 handles.....	9.00

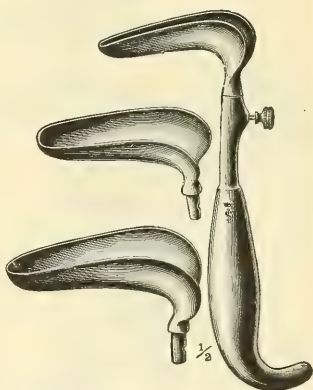
E F R C E



E/-8405



E/-8407

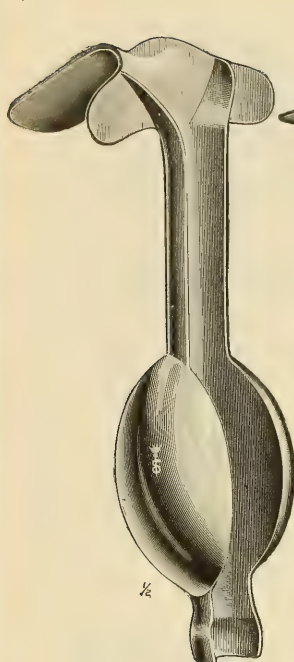


E/-8409

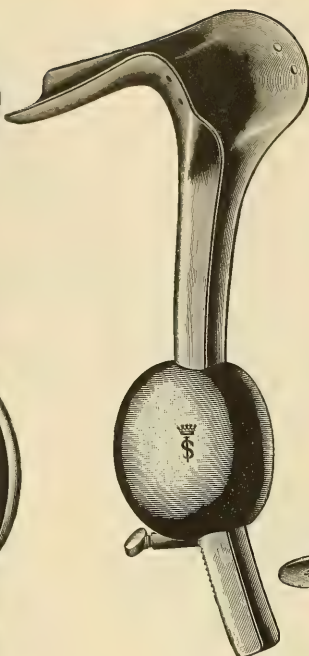
### Vaginal Retractors in Sets

(Continued)

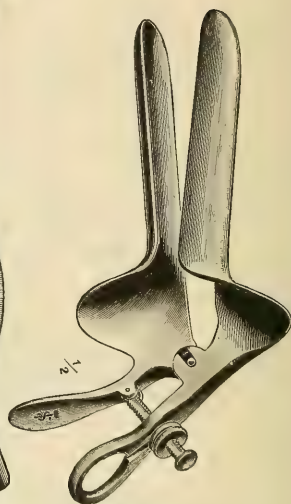
	Set
E/-8405 Simon's Set of 6 Blades, with 2 handles.....	\$ 10.00
E/-8407 Simon's Set of 3 Blades, flat, with 1 handle.....	6.00
E/-8409 Simon's Set of 3 Blades, concave, with 1 handle.....	6.50



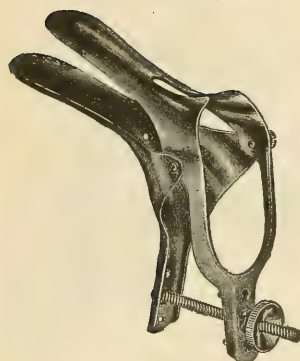
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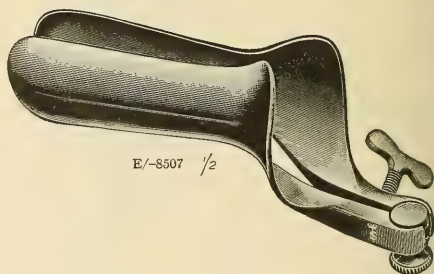
E/-8460



E/-8466



E/-8471

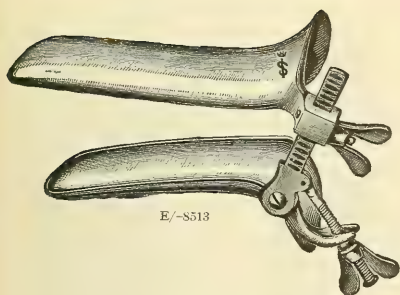


E/-8507 1/2

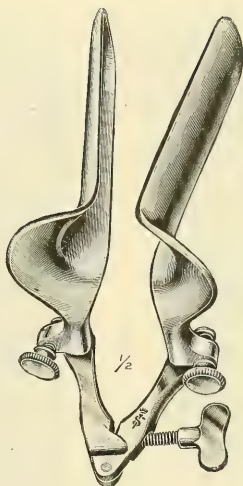
### Vaginal Specula

	Each
E/-8458 Auvar's Vaginal Speculum, with weight.....	\$ 3.00
E/-8460 Auvar's Vaginal Speculum, with detachable weight.....	4.00
E/-8466 Bouveret's Vaginal Speculum.....	4.75
E/-8471 Brewer's Vaginal Speculum, convertible into Sims' Speculum.....	1.75
E/-8507 Collin's Vaginal Speculum, 3 sizes.....	1.75

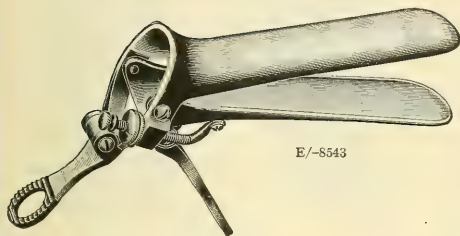




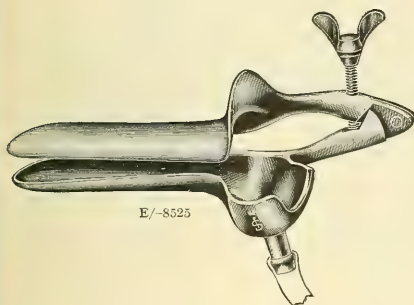
E/-8513



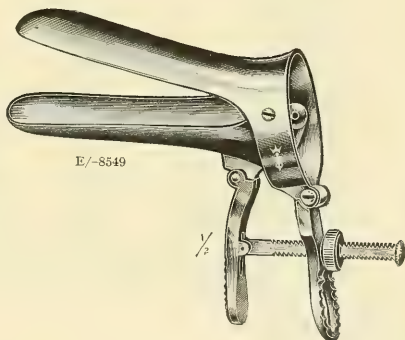
E/-8515



E/-8543



E/-8525



E/-8549

### Vaginal Specula

(Continued)

	Each
E/-8513 Collin's Vaginal Speculum, improved pattern.....	\$ 3.25
E/-8515 Collin's Vaginal Speculum, with double articulation.....	5.00
E/-8525 Collin's Vaginal Speculum, with irrigating attachment.....	3.00
E/-8543 Cusco's Vaginal Speculum, improved pattern, 3 sizes.....	2.00
E/-8549 Cusco's Vaginal Speculum, latest pattern.....	2.50



E/-8621-33



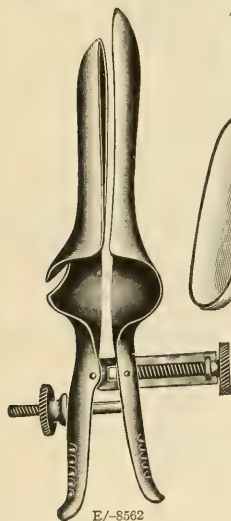
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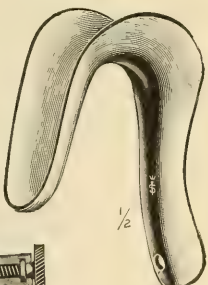
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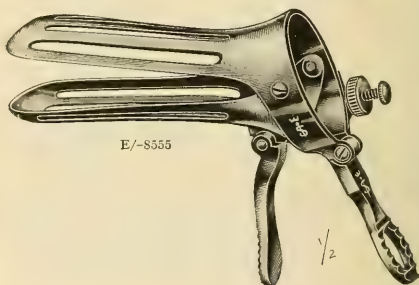
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E/-8562



E/-8585



E/-8555

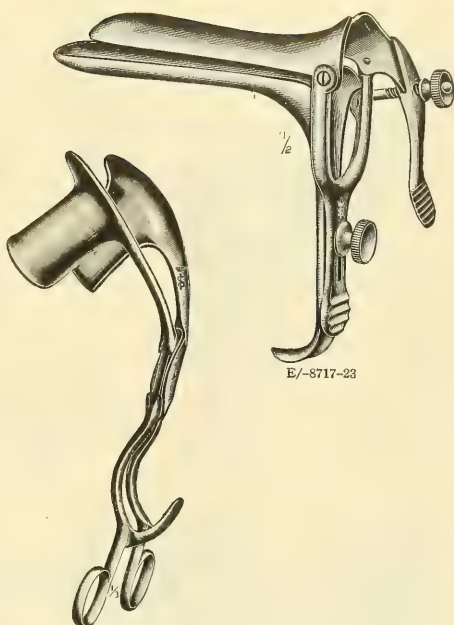
## Vaginal Specula

(Continued)

	Each
E/-8555 Cusco's Vaginal Speculum, with fenestrated blades.....	\$ 4.00
E/-8562 De Vilbiss' Vaginal Speculum, 3 sizes.....	1.50
E/-8585 Edebohls' Vaginal Speculum, self-retaining.....	2.25
E/-8621 Ferguson's Vaginal Speculum, crystal glass, 3 sizes, 3/4, 1 1/4 and 1 3/4 inches diameter.....	.30
E/-8627 Ferguson's Vaginal Speculum, milk glass, 3 sizes, 3/4, 1 1/4 and 1 3/4 inches diameter.....	.40
E/-8633 Ferguson's Vaginal Speculum, japanned glass, silvered inside, 4 sizes, 1, 1 1/4, 1 1/2 and 1 3/4 inches diameter.....	.75
E/-8657 Ferguson's Vaginal Speculum, hard rubber, 4 sizes, 1, 1 1/4, 1 1/2 and 1 3/4 inches diameter.....	1.00
E/-8663 Ferguson's Vaginal Speculum, hard rubber, metal lined, 4 sizes, 3/4, 1 1/4, 1 1/2 and 1 3/4 inches diameter.....	1.75
E/-8669 Ferguson's Vaginal Speculum, metal, black outside, 4 sizes, 3/4, 1 1/4, 1 1/2 and 1 3/4 inches diameter.....	2.00
E/-8675 Ferguson's Vaginal Speculum, metal, polished outside, 4 sizes, 3/4, 1 1/4, 1 1/2 and 1 3/4 inches diameter.....	2.00
E/-8681 Ferguson's Vaginal Speculum, metal, black outside, straight end, 4 sizes, 3/4, 1 1/4, 1 1/2 and 1 3/4 inches diameter.....	1.75



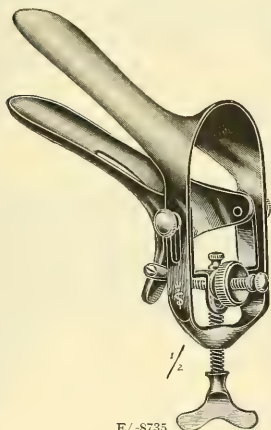
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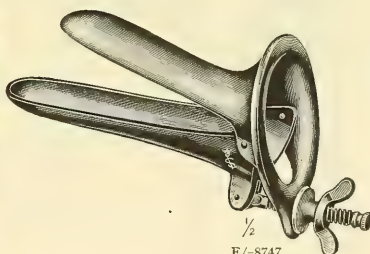
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E/-8693



E/-8735

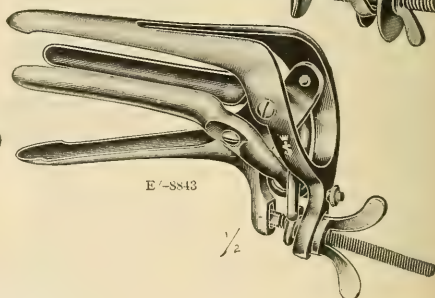
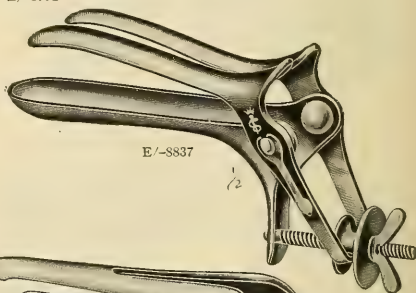
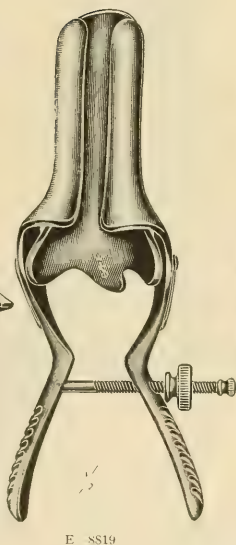
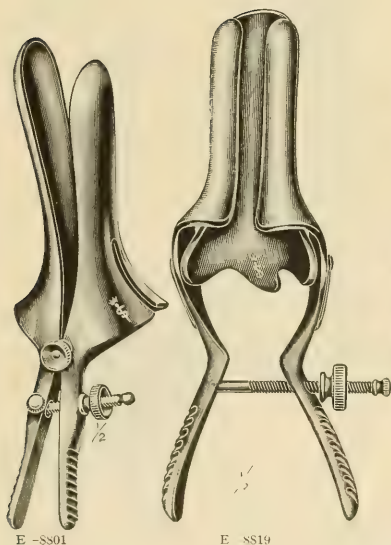
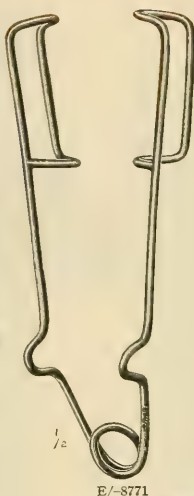
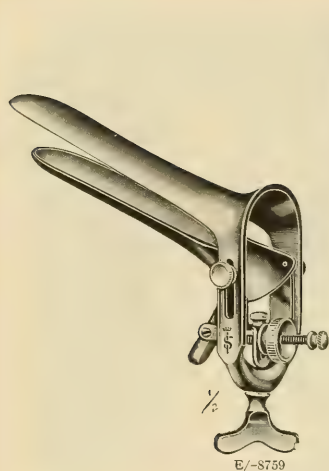


E/-8747

### Vaginal Specula

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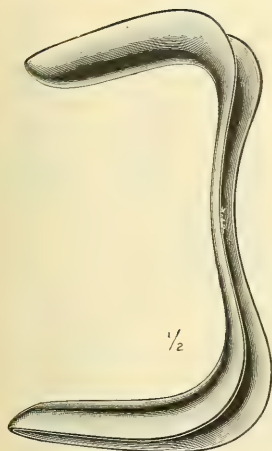
	Each
E/-8693 <b>Fergusons'</b> Vaginal Speculum, of heavy wire, 4 sizes, 1, 1 $\frac{1}{8}$ , 1 $\frac{1}{2}$ and 2 inches diameter.....	\$ 2.00
E/-8710 <b>Garrigues'</b> Vaginal Speculum, weighted.....	2.50
E/-8717 <b>Graves'</b> Vaginal Speculum, 2 sizes.....	1.50
E/-8723 <b>Graves'</b> Vaginal Speculum, extra large.....	1.75
E/-8733 <b>Guelliot's</b> Vaginal Speculum, with scissor handles.....	12.00
E/-8735 <b>Hale's</b> Vaginal Speculum, 3 sizes.....	2.00
E/-8747 <b>Higbee's</b> Vaginal Speculum, 3 sizes.....	1.50



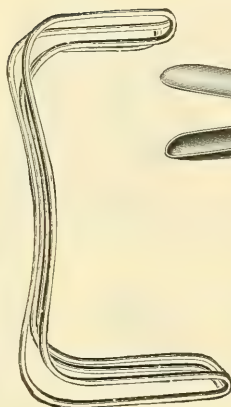
# Vaginal Specula (Continued)

	Each
E/-8759 Jackson's Vaginal Speculum . . . . .	\$ 2.00
E/-8771 Labia Speculum, wire . . . . .	1.75
E/-8794 Mathieu's Vaginal Speculum, wire . . . . .	1.35
E/-8801 Miller's Vaginal Speculum . . . . .	1.50
E/-8819 Nelson's Vaginal Speculum . . . . .	2.25
E/-8837 Nott's Vaginal Speculum, three-bladed, 3 sizes . . . . .	1.75
E/-8843 Nott's Vaginal Speculum, four-bladed . . . . .	6.75

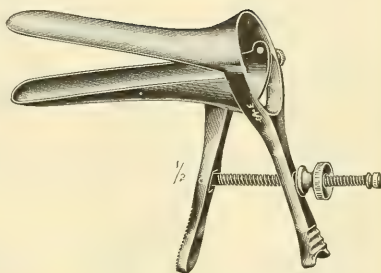




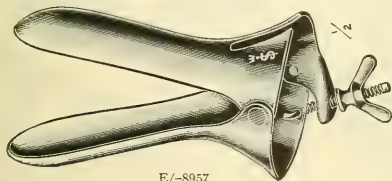
E/-8903



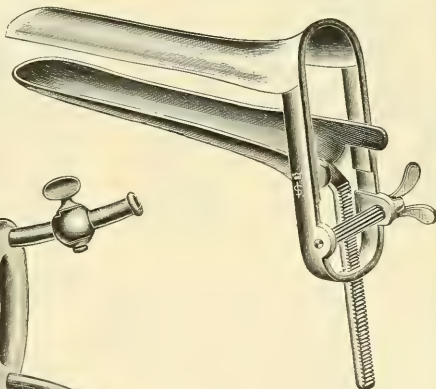
E/-8927



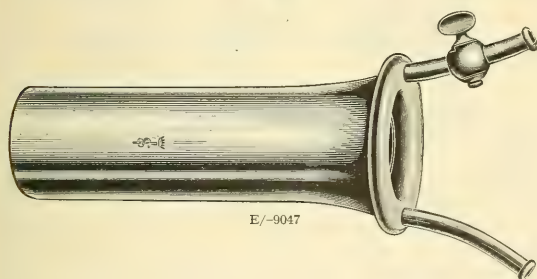
E/-8951



E/-8957



E/-8988



E/-9047

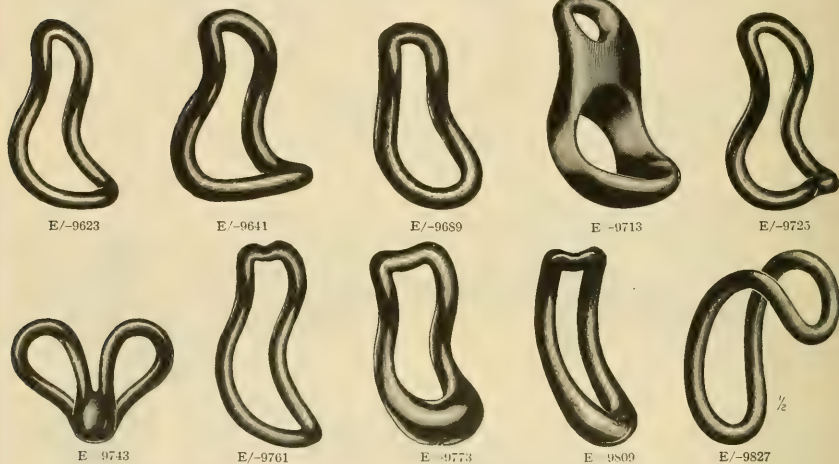
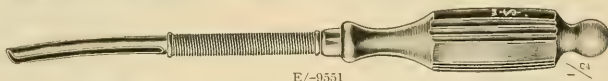
## Vaginal Specula

(Continued)

		Each
E/-8903	<b>Sims' Vaginal Speculum</b> , double ended, 6 sizes. ....	\$ 1.25
E/-8927	<b>Sims' Vaginal Speculum</b> , double ended, wire, 3 sizes. ....	1.75
E/-8951	<b>Storer's Vaginal Speculum</b> .....	2.00
E/-8957	<b>Taylor's Vaginal Speculum</b> .....	1.25
E/-8988	<b>Tiemann's Vaginal Speculum</b> .....	5.50

## Cooling Specula

E/-9047	<b>Boldt's Vaginal Speculum</b> , double walled, for use with thermo-cautery.....	6.00
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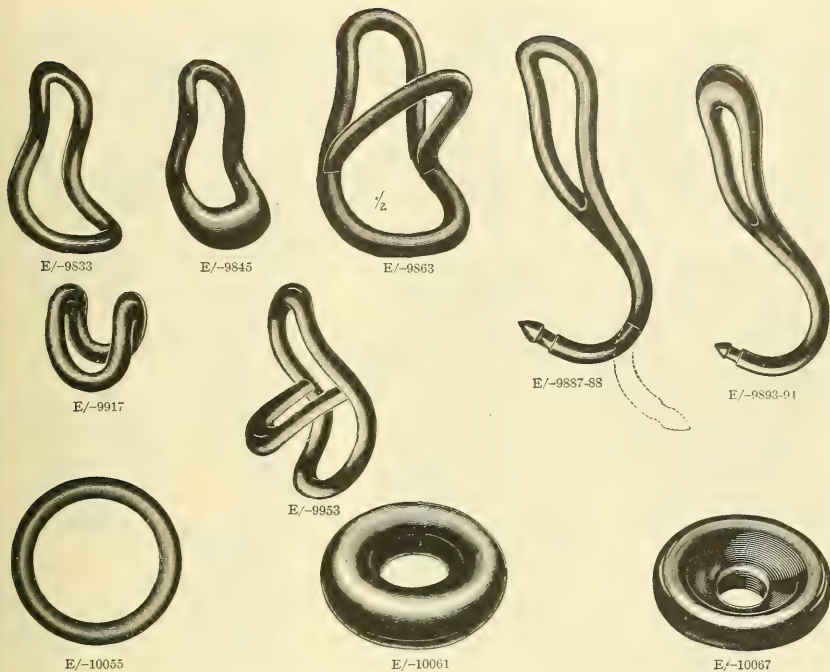


### Stem Pessaries

	Each
E/-9485 Plain Stem Pessary, hard rubber, straight, 3 sizes.....	\$ .30
E/-9491 Plain Stem Pessary, hard rubber, curved, 3 sizes.....	.35
E/-9509 Plain Stem Pessary, aluminum, plain, 3 sizes.....	.25
E/-9510 Plain Stem Pessary, aluminum, corrugated, 3 sizes.....	.30
E/-9515 Introducer for aluminum stem pessaries.....	.50
E/-9533 Boldt's Stem Pessary, hard rubber, 6 sizes.....	.60
E/-9546 Chambers' Stem Pessary, metal, 3 sizes.....	.75
E/-9551 Introducer for Chambers' Stem Pessaries.....	1.00
E/-9605 Wylie's Stem Pessary, hard rubber, 9 sizes, Nos. 18, 22 and 25 French scale and 55, 60 and 70 mm. long.....	.50

### Retroversion Pessaries

E/-9623 Bow Pessary, 10 sizes, from 55 to 100 mm. long.....	.25
E/-9641 Byford-Smith's Pessary, 6 sizes, from 65 to 86 mm. long.....	.75
E/-9689 Emmett's Pessary, 6 sizes, from 55 to 80 mm. long.....	.40
E/-9713 Fowler's Pessary, 4 sizes, from 63 to 88 mm. long.....	1.25
E/-9725 Gehrung-Smith's Pessary, 8 sizes, from 60 to 95 mm. long.....	.40
E/-9743 Hewitt-Thomas' Pessary, 3 sizes, from 55 to 75 mm. long.....	1.00
E/-9761 Hodge's Pessary, 8 sizes, from 60 to 95 mm. long.....	.25
E/-9773 Hodge-Thomas' Pessary, 6 sizes, from 70 to 95 mm. long.....	.60
E/-9809 Noeggerath's Pessary, 3 sizes, from 70 to 76 mm. long.....	.75
E/-9827 Sleigh Shape Pessary, 5 sizes, from 50 to 70 mm. long.....	.75



### Retroversion Pessaries

(Continued)

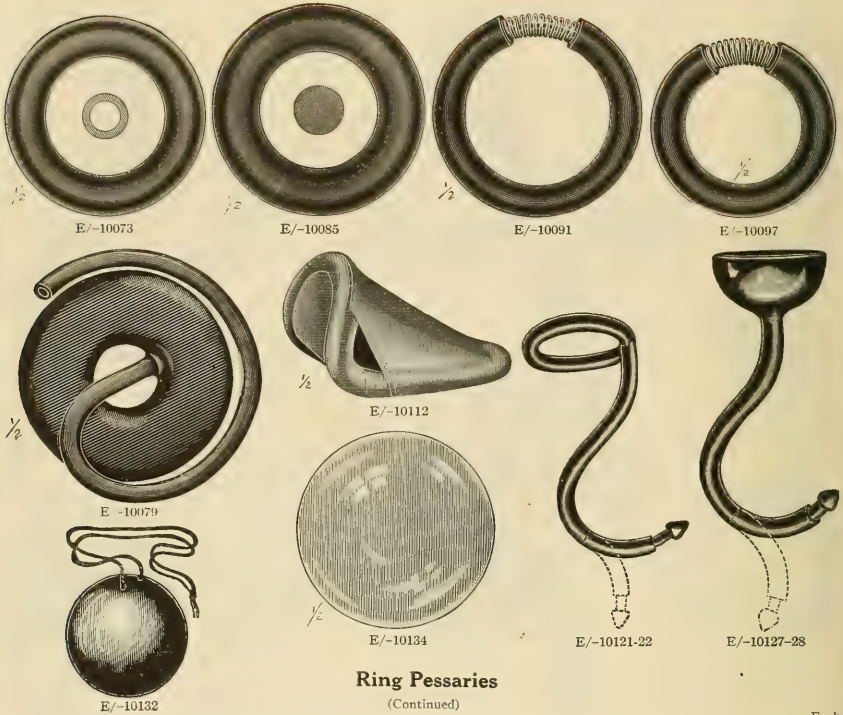
	Each
E/-9833 <b>Smith's</b> Pessary, 9 sizes, from 60 to 100 mm. long.....	\$ .25
E/-9845 <b>Smith-Thomas'</b> Pessary, 9 sizes, from 70 to 110 mm. long.....	.60
E/-9863 <b>Thomas'</b> Pessary, with cervical rest, 3 sizes, from 65 to 75 mm. long.....	1.00

### Anteversion Pessaries

E/-9887 <b>Cutter's</b> Pessary, with movable stem, 3 sizes.....	.75
E/-9888 <b>Cutter's</b> Pessary, same as above, with belt.....	1.50
E/-9893 <b>Cutter-Thomas'</b> Pessary, with rigid stem, 3 sizes.....	.75
E/-9894 <b>Cutter-Thomas'</b> Pessary, same as above, with belt.....	1.50
E/-9917 <b>Gehring's</b> Pessary, 10 sizes, from 30 to 75 mm. long.....	.35
E/-9953 <b>Thomas'</b> Pessary, with movable cervix rest, 4 sizes, 75 to 95 mm. long.....	1.00

### Ring Pessaries

E/-10055 <b>Hard Rubber Ring</b> Pessary, solid, thin, from 50 to 90 mm. diameter, every 5 mm.....	.35
E/-10061 <b>Hard Rubber Ring</b> Pessary, hollow, thick, from 50 to 90 mm diameter, every 5 mm.....	.50
E/-10067 <b>Hard Rubber Ring</b> Pessary, hollow, concave, from 50 to 90 mm. diameter, every 5 mm.....	.50



### Ring Pessaries

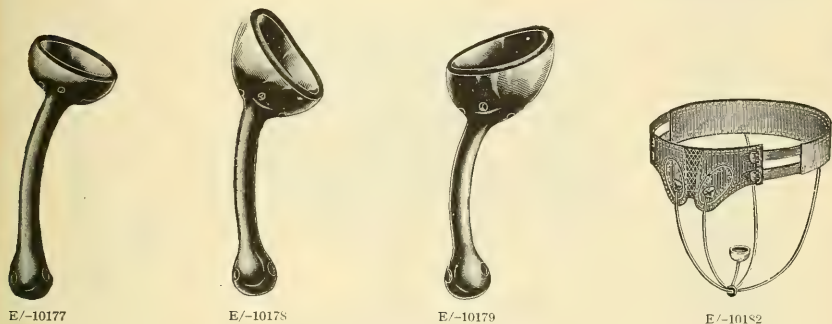
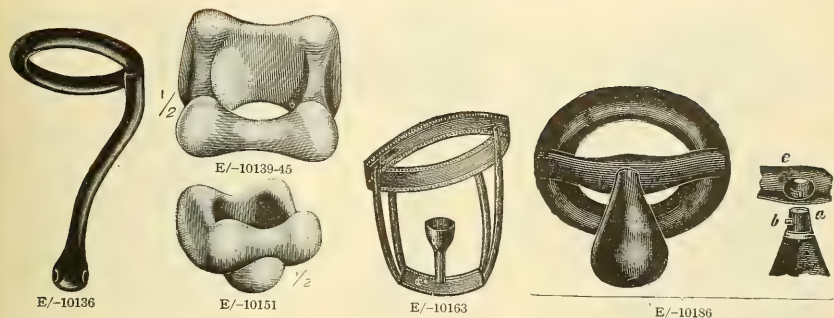
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		Each
E -10073	Soft Rubber Ring Pessary, inflated, sizes from 55 to 75 mm., every 5 mm.....	\$ .50
	80 mm.....	.60
	85 mm.....	.70
	90 mm.....	.80
	95 mm.....	.90
	100 mm.....	1.00
E/-10079	Soft Rubber Ring Pessary, inflatable, with tube, 5 sizes, from 55 mm. to 75 mm., every 5 mm.....	.60
E/-10085	Soft Rubber Ring Pessary, solid, Meyer's, sizes from 55 to 75 mm., every 5 mm.....	.60
	80 mm.....	.70
	85 mm.....	.80
	90 mm.....	.90
	95 mm.....	1.00
	100 mm.....	1.10
E/-10091	Soft Rubber Ring Pessary, plastic copper wire insertion, 9 sizes, from 2 to 4 inches, every 1/4 inch.....	.50
E/-10097	Soft Rubber Ring Pessary, spiral spring insertion, 9 sizes, from 2 to 4 inches, every 1/4 inch.....	.50

### Prolapsus Pessaries

E/-10112	<b>Bozeman's</b> Vaginal Support, soft rubber.....	2.00
E/-10121	<b>Cutter's</b> Ring Pessary, with movable stem, 3 sizes, 1 1/4, 1 1/2 and 1 3/4 inches.....	.75
E/-10122	<b>Cutter's</b> Ring Pessary, same as above, with belt.....	1.50
E/-10127	<b>Cutter's</b> Cup Pessary, with movable stem, 3 sizes, 1 1/4, 1 1/2 and 1 3/4 inches.....	.75
E/-10128	<b>Cutter's</b> Cup Pessary, same as above, with belt.....	1.50
E/-10132	Globe Pessary, hard rubber, 5 sizes, from 1 1/2 to 2 1/2 inches, every 1/4 inch.....	.90
E/-10134	Globe Pessary, glass, 1 1/2 to 2 1/2 inches, every 1/4 inch.....	.50
	2 1/2 inches.....	.70
	2 3/4 inches.....	.75
	3 inches.....	.90
	3 1/2 inches.....	1.00
	4 inches.....	1.25

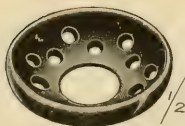




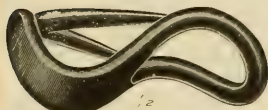
### Prolapsus Pessaries

(Continued)

	Each
E/-10136 <b>Gardiner's</b> Ring Pessary, 3 sizes, $1\frac{3}{8}$ , $1\frac{5}{8}$ and 2 inches.....	\$ .75
E/-10139 <b>Hofmann's</b> Pessary, soft rubber, 5 sizes, 2 to $2\frac{1}{2}$ inches, every $\frac{1}{8}$ inch.....	1.50
E/-10145 <b>Hofmann's</b> Pessary, hard rubber, 5 sizes, 2 to $2\frac{1}{2}$ inches, every $\frac{1}{8}$ inch.....	2.50
E/-10151 <b>Hofman's</b> Pessary, soft rubber, with sac, $1\frac{3}{4}$ inches.....	1.50
E/-10163 <b>Lavedan's</b> Pessary, soft rubber, with belt.....	3.75
E/-10177 <b>McIntosh's</b> Prolapsus Pessary, 3 sizes.....	.50
E/-10178 <b>McIntosh's</b> Anteversion Pessary, 3 sizes.....	.50
E/-10179 <b>McIntosh's</b> Retroversion Pessary, 3 sizes.....	.50
E/-10182 <b>McIntosh's</b> Supporter, for above (price without pessary).....	3.00
E/-10186 <b>Menge's</b> Pessary, with detachable stem, 9 sizes, 50 and 55 mm.....	2.70
60, 65 and 70 mm.....	3.30
75, 80, 85 and 90 mm.....	3.60



E/-10190



E/-10203



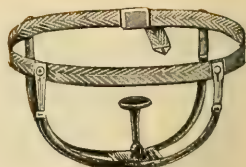
E/-10215



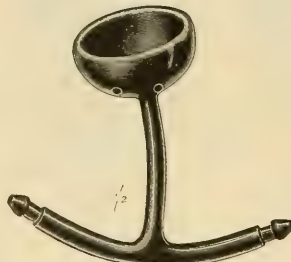
E/-10225



E/-10195-96



E/-10198



E/-10209-10



E/-10253

### Prolapsus Pessaries

(Continued)

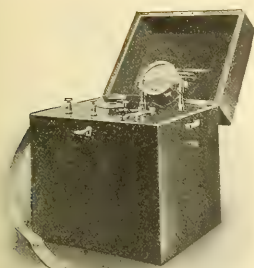
	Each
E/-10190 Prochownik's Pessary, cup-shaped, 4 sizes, 60, 65, 75 and 80 mm. diameter.....	\$ 1.00
E/-10195 Schatz's Cup Pessary, 4 sizes, 60, 65, 70 and 75 mm. diameter.....	2.50
E/-10196 Schatz's Cup Pessary, 3 sizes, 80, 85 and 90 mm. diameter.....	3.00
E/-10198 Schatz's Supporter, for above (price without pessary).....	2.75
E/-10203 Skene's Cystocele Pessary, 3 sizes.....	1.35
E/-10209 Thomas' Cup Pessary, 3 sizes, 1 $\frac{3}{8}$ , 1 $\frac{1}{2}$ and 1 $\frac{3}{4}$ inches diameter.....	1.50
E/-10210 Thomas' Cup Pessary, with belt.....	2.25
E/-10215 Zwanck's Pessary, with metal stem, 4 sizes, 3, 3 $\frac{3}{8}$ , 3 $\frac{5}{8}$ and 4 inches, when blades are extended.....	1.75

### Masturbation Apparatus

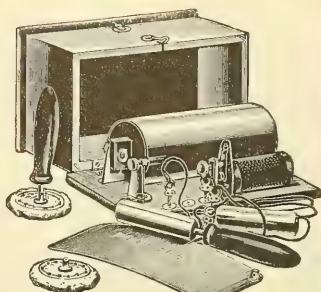
E/-10225 Bandage for prevention of masturbation in girls, with belt and lock.....	13.50
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### Vagiometer

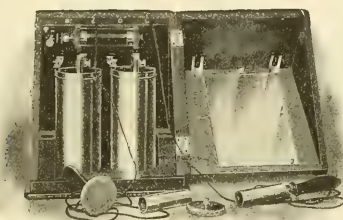
E/-10253 Baker's Vagiometer, for determining the internal measurements of the vagina.....	2.50
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G/-801-21



G/-851



G/-859

### Batteries for Electrolysis and Cataphoresis

	Each
G/-801 Galvanic Battery, No. 1, 12 cells with M. A. meter reading to 10 M.....	\$ 30.00
G/-805 Galvanic Battery, No. 2, 12 cells without M. A. meter.....	20.00
G/-809 Galvanic Battery, No. 3, 18 cells, with M. A. meter.....	32.00
G/-813 Galvanic Battery, No. 4, 18 cells, without M. A. meter.....	22.00
G/-817 Galvanic Battery, No. 5, 24 cells, with M. A. meter.....	34.00
G/-821 Galvanic Battery, No. 6, 24 cells, without M. A. meter.....	24.00
*G/-825 Renewal Dry Cells for galvanic batteries are mounted in sets of 6.....	2.10

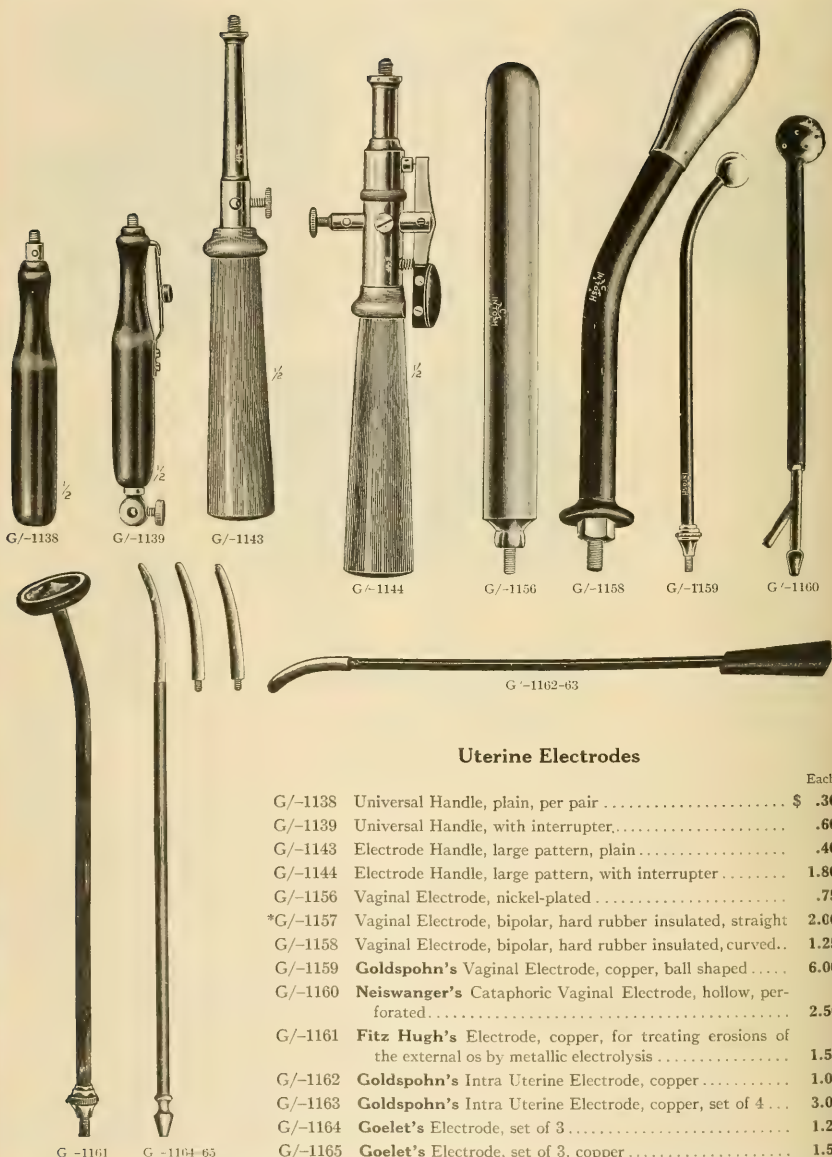
This is a handy transportable battery made up of standard dry cells mounted into a handsome polished mahogany cabinet with drawer for accessories, and a carrying strap.

Onto the switchboard is mounted a graduated resistance for the control of the current, an accurate Millampère meter with a large calibrated scale, pole changing switch and connecting post.

The price of each battery includes a set of conducting cords, handles, sponges, epilating needle holder and one-half dozen epilating needles.

### Faradic Batteries

G/-851	<b>The Kny-Scheerer Co.'s No. I, Single Cell Faradic Battery.</b> This is a very efficient little battery. Its carrying case is constructed in two parts; the upper holding the electrodes—foot plate, two metal shell electrodes, two sponge discs, two wooden handles, and two conducting cords; the lower has the faradic coil and the dry cell.....	6.00
*G/-855	Dry Renewal element.....	.50
G/-859	<b>The Kny-Scheerer Co.'s No. II, Double Cell Faradic Battery.</b> Is much stronger than No. I. It has two standard dry cells, a Faradic coil of higher tension than the preceding battery. The case is polished hardwood. The accessories supplied are: a large foot plate, two metal shell electrodes, two sponge covered discs, two wooden handles, and two silk conducting cords.....	10.00
*G/-863	Renewal Dry element.....	.50



### Uterine Electrodes

	Each
G/-1138 Universal Handle, plain, per pair .....	\$ .30
G/-1139 Universal Handle, with interrupter.....	.60
G/-1143 Electrode Handle, large pattern, plain .....	.40
G/-1144 Electrode Handle, large pattern, with interrupter .....	1.80
G/-1156 Vaginal Electrode, nickel-plated .....	.75
*G/-1157 Vaginal Electrode, bipolar, hard rubber insulated, straight .....	2.00
G/-1158 Vaginal Electrode, bipolar, hard rubber insulated, curved..	1.25
G/-1159 Goldspohn's Vaginal Electrode, copper, ball shaped .....	6.00
G/-1160 Neiswanger's Cataphoric Vaginal Electrode, hollow, perforated .....	2.50
G/-1161 Fitz Hugh's Electrode, copper, for treating erosions of the external os by metallic electrolysis .....	1.50
G/-1162 Goldspohn's Intra Uterine Electrode, copper .....	1.00
G/-1163 Goldspohn's Intra Uterine Electrode, copper, set of 4 .....	3.00
G/-1164 Goelet's Electrode, set of 3 .....	1.25
G/-1165 Goelet's Electrode, set of 3, copper .....	1.50



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